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# AGGELER & MUSSEY SEED CO.

*Los Angeles California*

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U. S. Department of Agriculture



*Exhibition  
Hyacinths*

**A&M**  
reliable  
SEEDS



# A & M Rainbow Collection SWEET PEAS

65c

6 Pkts. of A & M Superflora in  
separate colors

**A&M**  
*reliable*  
**SEEDS**



## A & M Rainbow Collection

Containing six 15c packets of  
A & M SUPERFLORA SWEET  
PEAS in six exquisite colors,  
each separate; also one packet  
McQUEEN'S INOCULATOR —  
"Fresh-Pak" in cellophane and  
stamped with a blue seal for  
your protection.—65c postpaid.

## California Wildflower Mixture

As though by magic one may transform that unsightly place of ground into a most interesting California Wildflower Garden, by broadcasting this mixture over a prepared seed bed in the Autumn just before or during the rainy season. No irrigation will be required.

The mixture contains species of true Annual California Wildflowers and is blended so as to give a succession of blooms from early Spring to late Summer.

Real estate subdividers will find this an attractive as well as inexpensive landscape beautifier for their subdivisions. A great many already have proven its worth. Five pounds of seed plants an acre.

**A & M CALIFORNIA WILDFLOWER MIXTURE.** A fine standard mixture. Pkt. 10c; Jumbo Pkt. 20c; oz. 30c; lb. \$3.00.



# AGGELER & MUSSER SEED CO.



General Offices, Warehouse and Mail Order Dept.  
P. O. Box 1228 — 652 Mateo Street  
**LOS ANGELES, CALIF.**

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## General Directions for Ordering

**NAME AND ADDRESS.** Be sure that your name and address are written plainly. Write in the proper place on the order blank: Post Office, County, Rural Delivery, Box Number and nearest Express Office.

**ORDER EARLY.** We endeavor to ship all orders within 24 hours after we receive them, but as the numerous bulbs listed herein are not all available at the same time we will ship each variety as soon as ready and in good season for planting.

**INSPECTIONS.** In California and many other states all bulbs are subject to examination by Agricultural Inspectors at destination. This means that each shipment received into our warehouse is carefully inspected and all packages sent to customers by Parcel Post or Express are also examined at destination before being released. This may cause a certain delay in final delivery but is a great safeguard to your garden.

**REMITTANCES.** Should be made by post office money order, express money order, or bank draft, for a sufficient amount to cover the entire order and postage, if any. Do not send currency. Should it be lost there is no recourse. Stamps of three-cent denominations will be accepted for small amounts.

**POSTAGE.** Except where otherwise stated, bulbs and seeds offered in this catalog are sent postpaid to all points in the U. S. A.

**CALIFORNIA RETAIL SALES TAX ACT**—California customers please add to the total amount of your order the State Retail Sales Tax as follows: \$.00 to \$.14—no tax; \$.15 to \$.59—1c; \$.60 to \$1.05—2c; \$1.06 to \$1.49—3c; \$1.50 to \$1.90—4c; \$1.91 to \$2.30—5c. Add 1c tax for each additional 40c amount. Out-of-state customers not required to pay retail sales tax.

**FOREIGN PARCEL POST.** The parcel post rate to foreign countries is 14 cents per pound. Foreign correspondents should add a sufficient amount to cover postage at this rate.

**ERRORS.** While we exercise the utmost care in filling orders we find that occasionally errors occur, in which event we ask you to please notify us promptly and we suggest that you keep copy of your orders for comparison.

**PRICES.** In the event of unforeseen circumstances prices are subject to change without notice.

**NON-WARRANTY.** Note: There are so many contingencies to be encountered in growing plants from seed and in setting out plants that are dependent on the weather and other conditions over which we have no control, that success in planting is not altogether dependent on the seed or plant. We will send out only seed which we believe will grow and produce the kind of plant and variety represented, but:

The Aggeler & Musser Seed Co. give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants or trees they send out, and they will not be responsible in any way for the crop.

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**BULBS FOR SPRING PLANTING**—The following bulbs are not usually available for fall planting and are not, therefore, offered in this catalog. Full particulars and prices will be found in our General Catalog issued January 1: Begonia, tuberous-rooted; Cannas; Dahlias; Tuberoses; Tigridia Pavonia, the very lovely Shell Lily—no garden is complete without this.



# Hyacinths

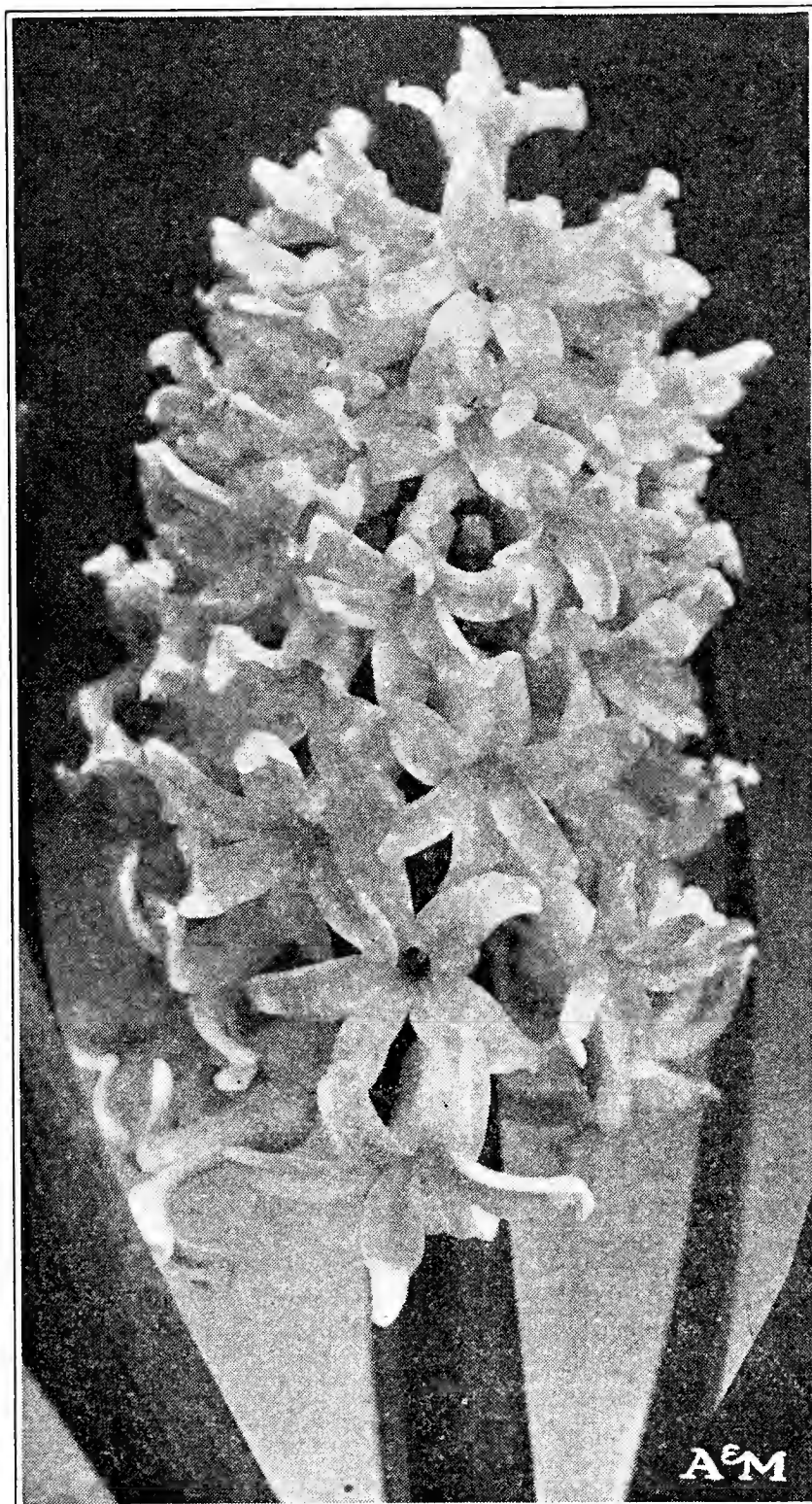
With their wondrous beauty and delightful fragrance Hyacinths are one of the glories of spring. They are seen at their best in borders or formal beds, and one of the most effective methods of culture is to arrange them in color schemes. They are also very charming when growing in pots or glasses.

**CULTURE.** In climates similar to Southern California it is necessary to plant Hyacinths to a greater depth than they are planted in more severe climates. The reason for this is to retard the top growth, thus giving the bulb an opportunity to make a root system.

In heavy soil it would be well to plant the tip of the bulb 5 to 6 inches beneath the surface, and in light soil 6 to 7 inches beneath the surface. Set the bulbs about

6 inches apart each way in the bed. About January 1st plant Nemophila seed on top of the bed and mulch with barnyard fertilizer or leaf mold. The Nemophila will provide a very attractive covering for the bed and will produce longer stemmed flowers of Hyacinths. October and November plantings of Hyacinths will give best results.

For pot culture of Hyacinths plant one bulb only to a 5-inch pot and bury pot and all in a shaded place in the garden, covering to a depth of 6 or 7 inches. In six weeks or two months they may be removed and brought to the light; however, leaving them longer might produce better results. Once they are brought to the light keep them near a window and give them plenty of fresh air and water.



## A & M Exhibition Hyacinths

**CITY OF HAARLEM.** Yellow. A choice exhibition variety; considered the finest of yellow Hyacinths. A splendid sort for all purposes. 25c each; \$2.25 doz.

**DUKE OF WESTMINSTER.** Deep purplish blue with a metallic reflex and a conspicuous white center. 25c each; \$2.25 doz.

**GEN. DE WET.** Rose. This Hyacinth produces a broad spike of very fine light rose bells. A good variety. 25c each; \$2.25 doz.

**GRAND MAITRE.** Lavender. A large compact spike of deep lavender-blue. The stem is also dark and contrasts pleasingly with the color of the flower. 25c each; \$2.25 doz.

**KING OF THE BLUES.** Dark blue. An extra large truss of dark blue flowers; probably one of the largest varieties of Hyacinths grown. 25c each; \$2.25 doz.

**KING OF THE REDS.** Red. A glowing scarlet red and a splendid flower. This brilliant shade is one of the most popular for bedding or pot culture. 25c each; \$2.25 doz.

**LADY DERBY.** Pink. An excellent variety not only for bedding, but for pot culture. The very large flowers are a bright rose-pink. 25c each; \$2.25 doz.

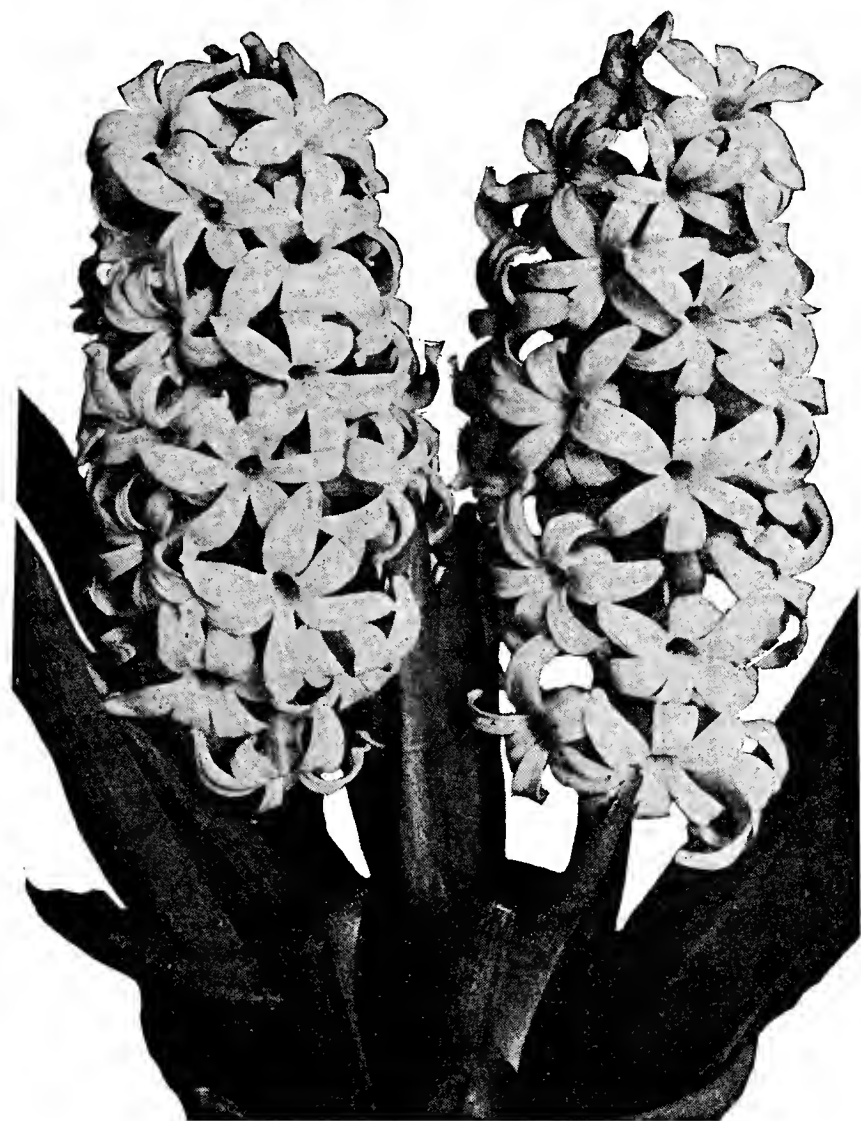
**LA VICTOIRE.** Carmine. A glistening deep carmine-rose. The shade is lighter when grown inside. 25c each; \$2.25 doz.

**L'INNOCENCE.** White. An excellent pure white and well suited for all purposes, either pot culture or for the garden. 25c each; \$2.25 doz.

**QUEEN OF THE BLUES.** Pale azure-blue. Very attractive large spikes. 25c each; \$2.25 doz.

**Collection No. 36B** To give you an assortment of these wonderful bulbs we offer you one each of the above ten named varieties mixed and not individually wrapped for ..... **\$2.00**

HYACINTHS CONTINUED NEXT PAGE



Garden Hyacinths

## Dutch Roman Hyacinths

Plant these for cut flowers and for naturalizing in borders. They bloom earlier than the exhibition and bedding Hyacinths and often produce several graceful spikes from a single bulb. Plant four to five inches deep and about three inches apart in the rows. They are very fragrant and may be grown in pots as well as outdoors. For pot culture follow the directions given for exhibition Hyacinths.

**GRAND MAITRE.** Blue. A deep porcelain blue. For years it has been one of the popular varieties. 10c each; \$1.00 doz.

**PERLE BRILLIANT.** Blue. A very large pale blue. The color is clear and the flowers are waxy. 10c each; \$1.00 doz.

**LA VICTOIRE.** Carmine. Brilliant deep carmine-rose flowers of a decided waxy appearance. Beautiful as a cut flower. 10c each; \$1.00 doz.

**L'INNOCENCE.** White. Graceful snowy white flowers, large and a good spike. 10c each; \$1.00 doz.

**MORENO.** Pink. Splendid large bells of deep pink. Undoubtedly the best pink in the Romans. 10c each; \$1.00 doz.

**YELLOW HAMMER.** Yellow. This bright, clear yellow is one of the most striking colors in the Roman Hyacinths. Showy in the garden and excellent as a cut flower. 10c each; \$1.00 doz.

**Collection No. 39B** Two each of the above varieties of Dutch Roman Hyacinths, mixed, 12 bulbs..... **85c**

### Muscari

(Grape Hyacinth)

**HEAVENLY BLUE.** Light blue; strong grower. Much larger flower trusses than ordinary grape hyacinth. 60c doz.

### Scilla Peruviana

(Cuban Lily or Peruvian Hyacinth)—Large spikes of bright blue flowers 12 to 15 inches tall. 25c each.

### Scilla Campanulata

Very attractive for beds and borders and when left undisturbed for several years multiply rapidly and bloom freely. Succeed in shady places; one of attractive early Spring flowers. Blue Queen, 60c doz. Rose Queen, 75c doz. White Queen, 60c doz.

## A & M Garden Hyacinths

Garden Hyacinths are similar in all respects to the Exhibition varieties except that the bulbs are slightly smaller. Of course the larger bulbs will produce larger flowers but very good blooms will be obtained from the smaller bulbs. Plant these by the hundred.

**GERTRUDE.** Pink. Very fine rosy pink, with strong stem and good spike. 15c each; \$1.50 doz.

**L'INNOCENCE.** White. Pure white and a dense spike. 15c each; \$1.50 doz.

**LA VICTOIRE.** Carmine. Bright carmine-rose. One of the best. 15c each; \$1.50 doz.

**LORD BALFOUR.** Lilac. Beautiful lilac tinged violet. Very large. 15c each; \$1.50 doz.

**MARIE.** Blue. An exquisite deep blue and one of the newer varieties. 15c each; \$1.50 doz.

**PERLE BRILLIANT.** Blue. A very large pale blue. 15c each; \$1.50 doz.

**YELLOW HAMMER.** Yellow. A beautiful deep truss of pure yellow. An early variety. 15c each; \$1.50 doz.

**Collection No. 38B** One each of the above seven varieties of A & M Garden Hyacinths, mixed..... **80c**



Scilla Campanulata



# Tulips

When the Tulips unfold their magic colors in the spring, one can take a justifiable satisfaction in having been responsible for their inclusion in the fall planting.

The rich bright shades of the blooms are admired by all, and in addition to the beautiful garden display they are excellent for cutting and come at a time in the spring when they are fully appreciated. The Darwin and Breeder Tulips are both strong growing types, the only practical difference being that the Darwins are generally of the self colors while the Breeders are of buff and bronze shades. The Cottage or May-Flowering Tulips include the yellow shades and the petal tips are more or less pointed.

In localities where the ground frosts during the winter months, the top growth of the Tulips is wisely retarded by nature, giving the bulbs an opportunity to produce a good root system. In Southern California and similar climates, deep planting will substitute for ground freezing, for by placing the bulb far enough below the surface, it is kept cool and the growth of the sprout will be retarded, thus giving the bulb sufficient time to develop an adequate root system.

In preparing the soil for Tulips and Hyacinths barnyard fertilizer should not be spaded in unless it is several months in advance of planting. Bone Meal is very good and it should be placed in the soil below the bulbs at the time of planting, but it should not come in direct contact with the bulbs. The addition of Gypsum to heavy adobe soil will prove very beneficial and will make the soil more porous and more easily cultivated. In extremely heavy soil use 100 lbs. of Gypsum to 100 sq. feet.

The seed of Baby Blue Eyes or Nemophila is an excellent covering for any bulb bed. The seed should be sown on top of the bulb bed, about January 1st, covering with a light mulch of leaf mold, or decomposing barnyard fertilizer. The Nemophila will bloom at the same time as the Tulips and makes a very dainty ground covering.

## Darwin Tulips

Six special outstanding varieties of brilliant colors.

**ALPINE SNOW.** Pure white with black anthers; one of the best white varieties yet introduced. 15c each; \$1.50 doz.

**CITY OF HAARLEM.** Immense vermilion scarlet; a splendid robed aristocrat. 10c each; \$1.00 doz.

**KATHLEEN PARLOW.** Huge flower of a soft silvery rose color. 15c each; \$1.50 doz.

**KING GEORGE V.** Very large flowers of a brilliant cherry red; a new color and very handsome. 10c each; \$1.00 doz.

**THE BISHOP.** Pure violet with white base. An unusually fine flower on a strong stem. 2 for 35c; \$1.75 doz.

**PEKING.** True deep yellow Darwin. Extra fine and a novelty in this class. 15c each; \$1.50 doz.

**YELLOW GIANT.** One of the best of the rare yellow Darwins. A very large bright yellow flower with a black base on a tall, strong stem. 20c each; \$2.00 doz.

### Collection No. 40B

1 each of the above varieties (7 bulbs) for.....	85c
3 each of the above varieties (21 bulbs) for.....	2.40

### General List

**AFTERGLOW.** Deep rosy orange with salmon tinted edges; inside deep orange. 10c each; \$1.00 doz.

**MRS. POTTER PALMER.** Attractive large Tulip of glowing purple color. 3 for 25c; 90c doz.

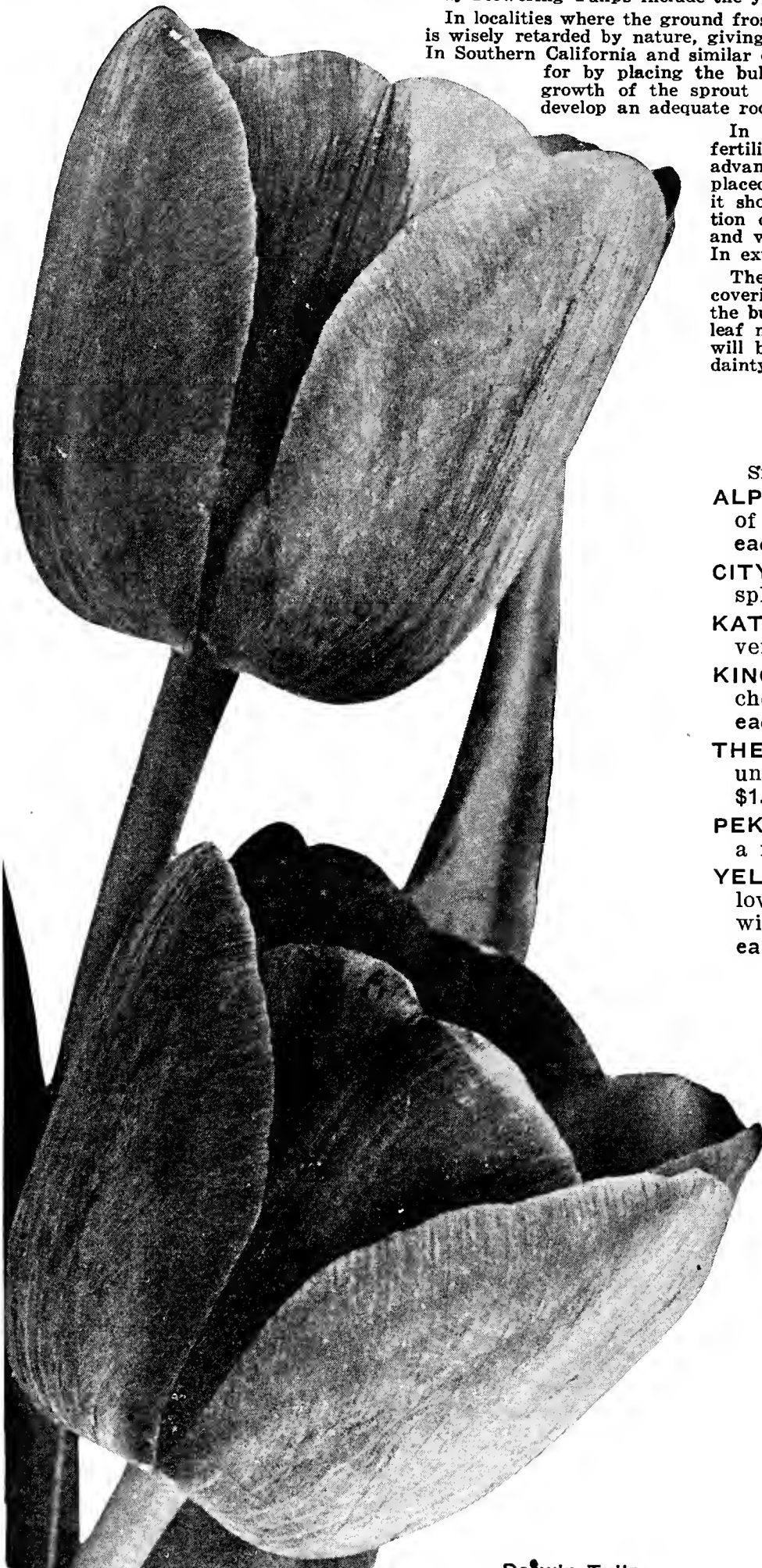
**BARONNE DE LA TONNAYE.** Bright rose, shaded blush. A beautiful, faultless flower. 3 for 25c; 90c doz.

**BARTIGON.** Fiery red. One of the best forcing varieties. 3 for 25c; 90c doz.

**BLEU AIMABLE.** Soft bluish lilac; very large flower. 3 for 25c; 90c doz.

**CENTENAIRE.** Pretty deep rose, flushed claret with a light blue center. 3 for 25c; 90c doz.

**CLARA BUTT.** Delightful soft salmon-rose. One of the leading varieties for bedding. 3 for 25c; 90c doz.



Darwin Tulips





Clara Butt  
Darwin Tulip

**DARWIN TULIPS—Continued**

**FAUST.** Blackish violet and an enormous flower borne on strong stems. 10c each; \$1.00 doz.

**FARNCOMBE SANDERS.** Brilliant scarlet with a clear white base. Famous as a bedding variety. 3 for 25c; 90c doz.

**FEU BRILLIANT.** Lovely bright scarlet and one that will brighten up the tulip bed materially. 10c each; \$1.00 doz.

**INGLESCOMBE YELLOW.** Large, globular flowers of a glossy canary-yellow. A charming cup-shaped Tulip and very fine for all purposes. 3 for 25c; 90c doz.

**LA FIANCEE.** Rosy mauve, edges light pink. Exceedingly fine. 3 for 25c; 90c doz.

**LA TULIPE NOIRE.** A very fine black Tulip with attractive velvety sheen. 3 for 25c; 90c doz.

**MARCONI.** Beautiful purple-violet with a conspicuous white base. 10c each; \$1.00 doz.

**MRS. KRELAGE.** Rose-pink, tinted lilac. Excellent tulip of large size. 3 for 25c; 90c doz.

**PETRUS HONDIUS.** An extra large and showy variety of bright carmine-rose. 3 for 25c; 90c doz.

**PRIDE OF HAARLEM.** One of the best known varieties; old rose color. 3 for 25c; 90c doz.

**PRINCE OF NETHERLANDS.** Rich deep cerise-rose with the petals margined pink and with a pale blue center. One of the finest tulips. 10c each; \$1.00 doz.

**PRINCESS ELIZABETH.** Soft lilac-rose. Good forcer. 3 for 25c; 90c doz.

**PROF. RAUWENHOF.** Glorious bright cherry red shaded salmon, with blue and white base. 3 for 25c; 90c doz.

**REV. H. EWBANK.** Heliotrope-lilac with a paler edge of the petals. Fine bedder. 3 for 25c; 90c doz.

**Collection No. 41B** One each of the above 21 varieties Darwin Tulips, not wrapped separately or named, 21 bulbs ..... **1.50**

**A & M Special Darwin Mixed**

A very choice assortment with splendid range of color. 75c per doz.; \$5.00 per 100.

**FANTASY (Parrot Tulip).** A sport of Clara Butt and one of the few Parrot Tulips to have a good straight stem. A soft pink outside, and inside a deep velvety rose. Its lacinated petals and quaint form lend charm to this beautiful flower. 20c each; \$2.00 doz.

**Tulips for Rock Gardens**

The following varieties are especially recommended for Rock Gardens, and they are also valuable for garden borders.

**CLUSIANA (The Lady Tulip).** The inner petals are creamy white and the outside cherry-red with violet base. 8 inches high. 15c each; \$1.25 doz.

**FLORENTINA.** Sweet scented, citron yellow. 15c each; \$1.25 doz.

**KAUFMANNIANA (The Water Lily Tulip).** The large deep flowers are white tinted carmine with yellow center. Very early variety. 15c each; \$1.25 doz.

**MARJOLETTI.** Tall and excellent for cutting. Pale lemon yellow with the exterior of petals splashed and edged red and rose. 15c each; \$1.25 doz.

**TULIPS CONTINUED NEXT PAGE**

## Cottage or May-Flowering Tulips

**ALBINO.** An excellent white tulip. The flower is large and beautifully formed and carried gracefully on a tall strong stem. 15c each; \$1.50 doz.

**AVIS KENNICOTT.** An unusually large flower, long in form and colored the richest chrome-yellow with base and anthers of shining black. It has good form and substance and a long stem. 3 for 30c; \$1.00 doz.

**DIDO.** Beautiful and effective large flower. Orange red with carmine shade. 20c each; \$1.75 doz.

**GESNERIANA MAJOR.** Rich crimson-scarlet with blue-black center. Splendid for bedding. 3 for 30c; \$1.00 doz.

**GRENADIER.** A very large flower of beautiful orange color. An extra nice variety. 3 for 30c; \$1.00 doz.

**INGLESCOMBE PINK.** Delicate rose-pink tinted salmon with a striking blue-green center. 3 for 30c; \$1.00 doz.

**MOONLIGHT.** Large clear yellow with an elongated flower of distinct type. Very striking. 3 for 30c; \$1.00 doz.

**MRS. MOON.** A very deep golden yellow with long pointed petals reflexed at the tips. This is one of the most beautiful Tulips of the May-flowering class. 3 for 30c; \$1.00 doz.

**ORANGE KING.** Large globular flowers of glowing orange shaded scarlet, with yellow center and black anthers. 3 for 30c; \$1.00 doz.

**PICOTEE.** A beautiful color combination of pure white margined rose. 3 for 30c; \$1.00 doz.

**ROSABELLA.** Beautiful carmine rose with broad white edge and inside shell pink. The opening flowers resemble rosebuds. Prominent at all exhibitions. 3 for 30c; \$1.00 doz.

**SIRENE.** A Lily Tulip of rich cerise-pink. The long pointed petals are reflexed at the tips. A distinct and novel variety. 3 for 30c; \$1.00 doz.

**Collection No. 42B** One each of the 12 varieties May-flowering Tulips listed above, mixed; that is, bulbs not individually wrapped or named..... **1.00**

### May-Flowering Tulips Mixed

A grand mixture of many varieties including color combinations that are not listed above. 90c doz.

## Breeder Tulips

The great demand for flowers of artistic coloring is bringing these Tulips into greater prominence each year; nature's happiest color combinations of purple and bronze, grey and lilac, yellow and bronze, brown and orange are revealed to us in no other class of Tulips. The flowers are large, of perfect form and are borne on tall, strong stems.

**APRICOT.** Beautiful deep bronze-orange. 2 for 25c; \$1.15 doz.

**BRONZE QUEEN.** Velvety buff with the tips tinged apricot. 3 for 30c; \$1.00 doz.

**DOM PEDRO.** Very distinct. A dull brown shaded maroon; inside mahogany. 3 for 30c; \$1.00 doz.

**GOLDEN BRONZE.** The outside of the flower is old gold, the inside a deep golden bronze. 2 for 25c; \$1.15 doz.

**LOUIS XIV.** Purple, flushed golden bronze. Very stately. 2 for 25c; \$1.15 doz.

**LUCIFER.** Gorgeous large reddish-orange. Fine large flower. 3 for 30c; \$1.00 doz.

**MEDEA.** Crushed strawberry, shaded heliotrope, yellow center. Enormous flower. 3 for 30c; \$1.00 doz.

**PANORAMA (Fairy).** Deep orange, shaded mahogany. Very large globular flower of brilliant color. 3 for 30c; \$1.00 doz.

**PRINCE OF ORANGE.** Terra cotta with orange edge; sweet scented. 2 for 20c; \$1.10 doz.

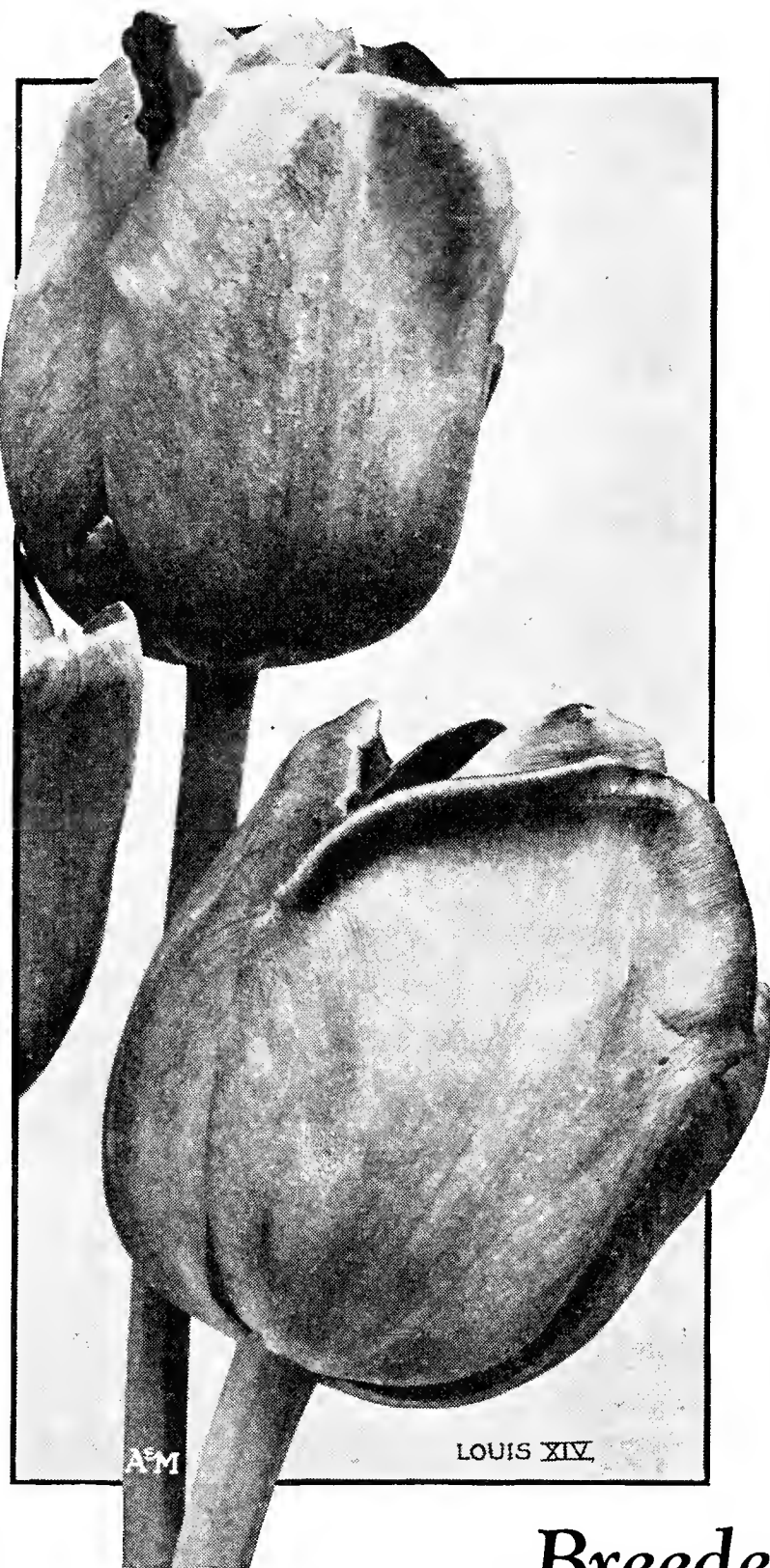
**ST. JAMES.** Dark rose-lilac, edged bronze, flushed coppery rose at tips. 3 for 30c; \$1.00 doz.

**VULCAN.** Strawberry-red with broad margin of buff-yellow; inside dark apricot and yellow. 2 for 25c; \$1.15 doz.

**Collection No. 43B** One each of the above 11 varieties of Breeder Tulips mixed but not wrapped individually or named for..... **1.00**

### A & M Breeder Tulips Mixed

Well balanced as to colors and will produce a pleasing color combination in large or small bed. 90c doz.





## A & M Freesias

We are offering a complete list of wonderful colored Freesias, grown in our own fields, under expert supervision. They have been developed through years of skilful selection and are indeed a splendid achievement. We feel that we cannot recommend them too highly and you will be proud to have them in your garden.

Freesias may be planted from July until January. They are easily grown, blossom freely early in the spring and the bulbs will multiply and continue blooming for years. The soil should be well prepared and though they grow well in full sun they also may be planted in partial shade. All Freesias are fragrant and make good cut flowers.

Plant the bulbs one to two inches apart and cover to a depth of about two inches. Instead of just a single row, place the bulbs to make a row about 3 or 4 inches wide; this will give a very nice effect.

Freesias may be left in the ground from year to year, or if they are taken up it should be done after the foliage has become entirely cured or dry.

**AMETHYST.** A beautiful amethyst-blue with light center. This variety is of very strong, sturdy growth. 3 for 15c; 50c per doz.; \$3.50 per 100.

**AURORA.** A large flowering variety which is much admired, being a combination of picturesque sunset shades. 3 for 10c; 35c per doz.; \$2.50 per 100.

**CARMENCITA.** Orange-salmon with buff shadings; long wiry stems. 3 for 10c; 35c per doz.; \$2.50 per 100.

**COREO.** Bright orange-red. The flowers open wide and are very large. 3 for 15c; 50c per doz.; \$3.50 per 100.

**GIANT BUTTERCUP.** Superior large flowers of golden yellow with orange throat. 3 for 15c; 50c per doz.; \$3.50 per 100.

**GOLDEN DAFFODIL.** Magnificent. Light yellow, orange throat; early variety. 3 for 10c; 35c doz.; \$2.50 per 100.

**GOLDEN TREASURE.** Bright yellow with dark lines in throat; tall and robust. 3 for 10c; 35c doz.; \$2.50 100.

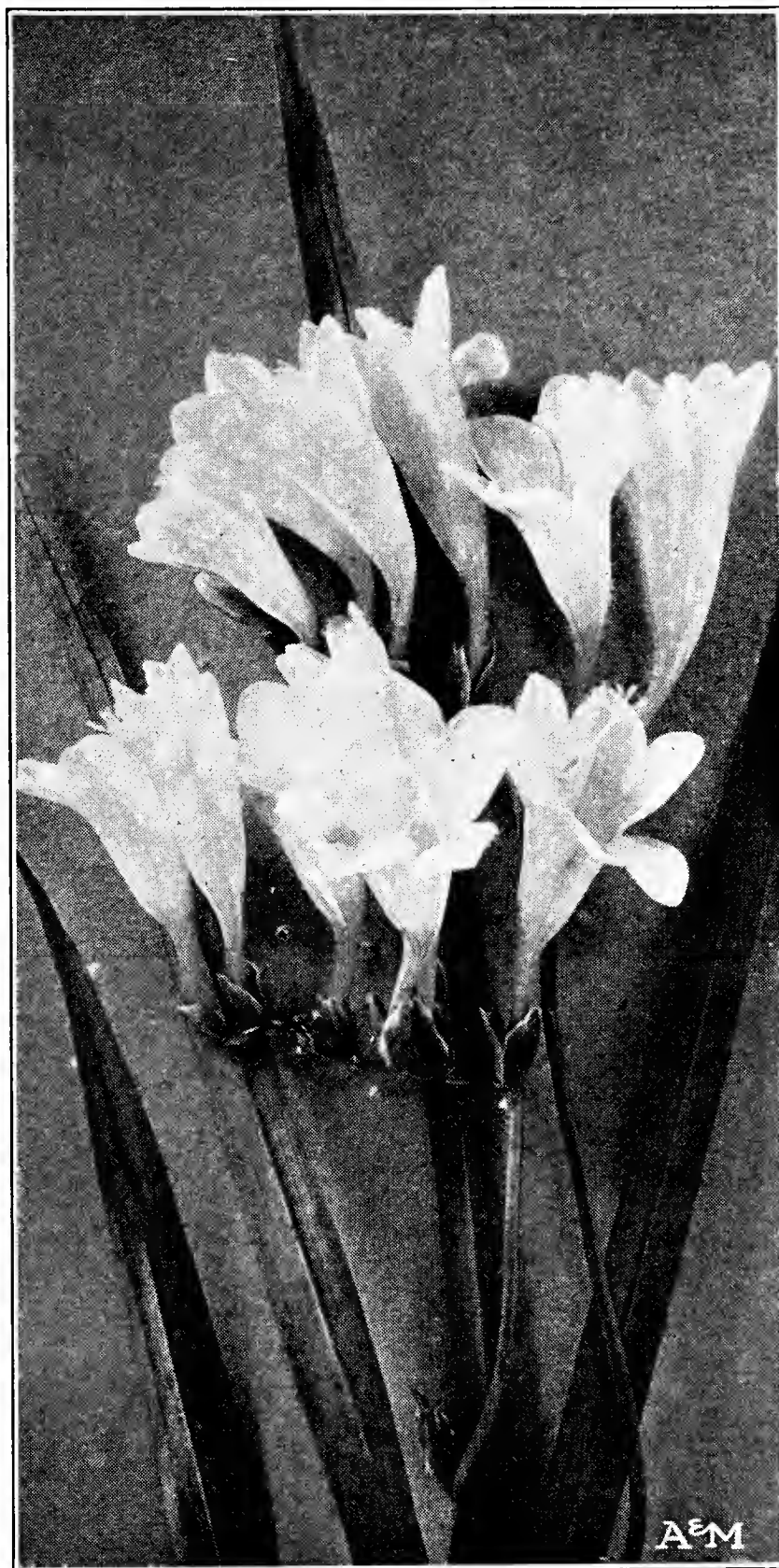
**LILA.** Large graceful flowers of light lavender with pale yellow throat. Very free flowering. 3 for 15c; 50c per doz.; \$3.50 per 100.

**MELBA.** Dark pink with golden yellow throat. Large blooms with 3 to 4 flowers open at one time. 3 for 10c; 35c per doz.; \$2.50 per 100.

**MENDOTA.** Giant clear yellow variety of extra strong growth. One of the best yellows for keeping qualities. 3 for 10c; 35c per doz.; \$2.50 per 100.

**MRS. MARC PETER.** A very attractive deep rosy salmon shade with lower petals blotched orange and yellow. Flowers are of a good size and open up well. One of the earliest colored Freesias to bloom, and a fine cutting flower. 3 for 15c; 50c doz.; \$3.50 per 100.

**SPLENDENS.** Beautiful lavender-blue. 3 for 10c; 35c per doz.; \$2.50 per 100.

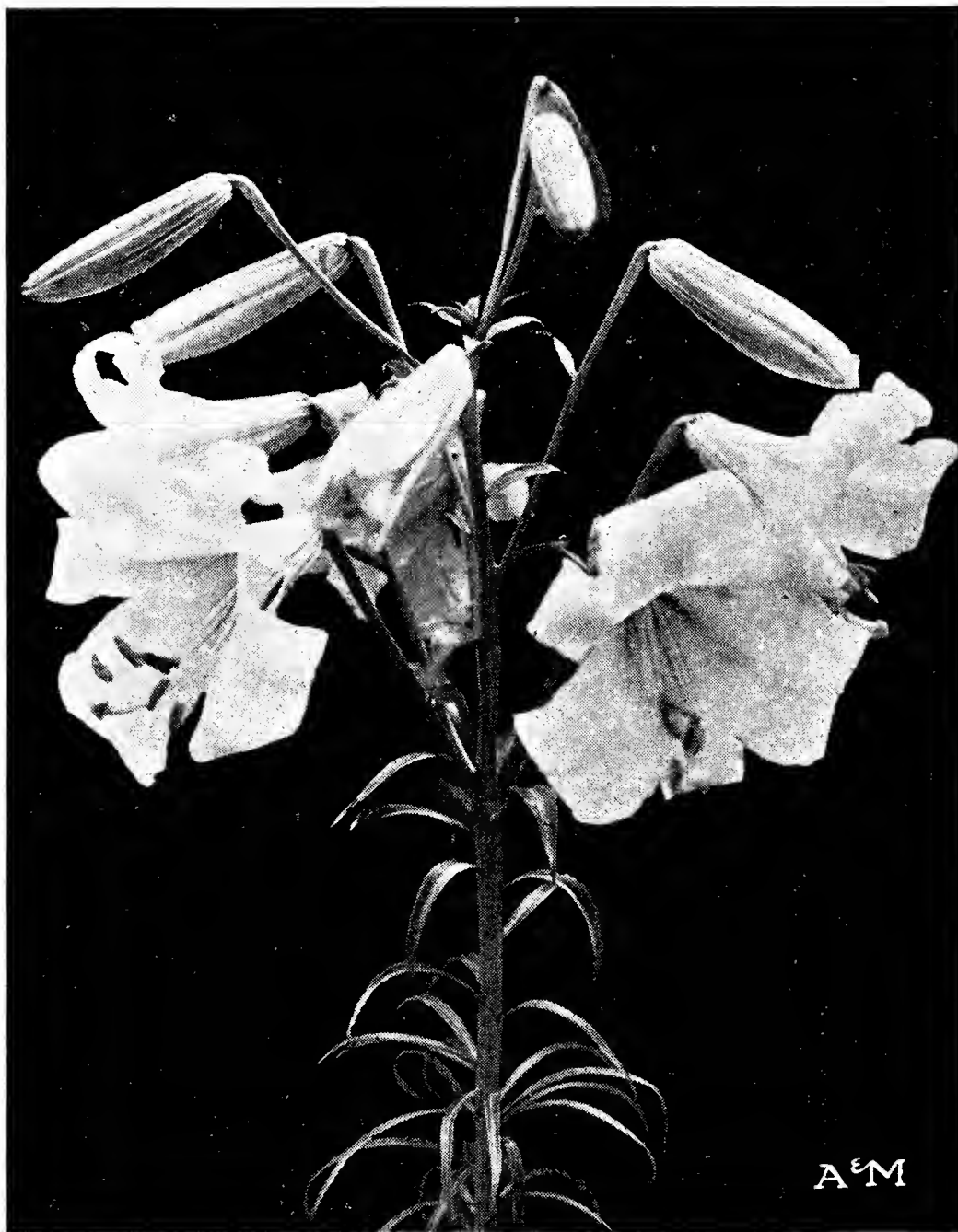


A & M Freesias

**A & M COLORED FREESIAS MIXED.** A general mixture of some of the finest colored varieties, including many from our trial grounds. A long row of these will include a great assortment of colors and will not only make a very attractive garden show, but will furnish fine flowers for cutting during the early spring months. 35c per doz.; 50 for \$1.35; \$2.50 per 100.

### White Freesias

**A & M IMPROVED PURITY.** Large flowers of good substance and delightfully scented. Large size bulbs, 25c per doz.; \$1.75 per 100.



Lilium Regale

### Lilium Regale

This popular Lily may be seen growing in many gardens throughout California. The flowers inside are a canary-yellow fading to white and often suffused with pink. Outside they are white, shaded purple. They are one of the most profuse bloomers, specimen plants after they are two or three years old, bearing as many as 20 to 25 flowers. The Regal Lily, as it is often called, is particularly suited to California soil and climatic conditions. Plant 6 in. deep in heavy soil and deeper in light soil. Large Bulbs 20c each; \$2.00 per doz. Medium Bulbs 15c each; \$1.25 per doz.

## Lilies

All of the Lilies listed below do well in the open ground in Southern California. They require little care and are very satisfactory as a garden flower. Except where otherwise stated plant 8 to 10 inches deep in soil blended with leaf mold and peat. If the soil is heavy it should be mixed with sand and in any case place a little sand under and around each bulb. Avoid the use of lime. Lilies should not be disturbed after they are planted, but rather should be planted in a permanent bed. They multiply rapidly and produce a wealth of bloom. For pot culture plant the bulb in the pot a depth of about 1 inch, plunge the pot in soil several inches below the surface and leave it until growth appears. Plant in partial shade for best results and further protection from the sun is afforded by planting among low growing vegetation.

**Please Note**—Some varieties of Lily bulbs are imported from Japan and do not arrive in this country before December. Please mail your orders early and the bulbs will be mailed as soon as available and in good season for planting.

**LILIUM CANDIDUM** (Madonna Lily). A sweetly scented pure waxy white Lily with yellow anthers. Will thrive in almost any soil but is at its best in sandy loam. Bulbs should be planted three to four inches beneath the surface. The first set of leaves are strap and these wither away before the flower spike starts. Grows three to four feet high. 25c each; \$2.50 per doz.

**LILIUM GIGANTEUM** (Easter Lily). This is the large, pure white Lily that is planted mostly for Easter. Choice flowers of these may be produced in the open ground. 20c each; \$2.00 doz.

**LILIUM PARDALINUM** (Leopard Lily). This is one of the most easily grown Lilies. It will thrive in almost any soil, if given partial shade and plenty of water. Grows to a height of 3 to 5 feet, bearing flowers of a rich orange color, tipped with red and dotted with maroon. Plant the bulbs about 4 inches deep and leave them year after year. They increase rapidly if they are not disturbed. 20c each; \$2.00 per doz.

**LILIUM PHILLIPINENSE FORMOSANUM**. This fragrant white lily is very graceful in appearance. It has grassy foliage and exquisitely formed, long trumpet shaped flowers. 25c each; \$2.50 per doz.



Regal Lilies are very effective in mass plantings



**LILIES—Continued**

**LILIUM AURATUM.** Commonly known as the Japanese Gold Banded Lily, and undoubtedly one of the very finest. It is very graceful, being a delicate ivory-white in color and thickly studded with chocolate crimson spots with a gold band through the center of each petal. Delightfully fragrant. Extra large flowering bulbs, 20c each; \$2.00 per doz. (Ready in December.)

**LILIUM AURATUM PLATYPHYLLUM.** A glorious lily and one of the best in cultivation. The flowers are larger than Auratum but similar in color; the leaves are also larger. Tall growing. 25c each; \$2.50 per doz. (Ready in December.)

**LILIUM RUBRUM.** A delicately perfumed white Lily suffused rose-pink in the center and spotted blood-red with a green stripe at the base. This is one of the most beautiful garden Lilies. 20c each; \$2.00 per doz. (Ready in December.)

**LILIUM TIGRINUM SPLENDENS.** This is the lovely Tiger Lily bearing handsome, orange-salmon flowers spotted black. It is a good pot or garden variety, a free bloomer, and grows very tall. 20c each; \$2.00 per doz.

**LILIUM HANSONI.** Very strong growing variety bearing many elegant blooms on each stem. The flowers are a bright golden yellow, spotted brown. 30c each; \$3.00 per doz. (Ready in Dec.)

**LILIUM SPECIOSUM ALBUM.** Beautiful snow-white flower with a golden green stripe in the center of the petals and anthers of bronze color. 20c each; \$2.00 per doz. (Ready in December.)

**LILIUM HENRYI.** Very tall growing Lily with fine foliage. When well established it bears more than twenty flowers of deep orange-yellow. Plant 10 inches deep and shelter from wind. 20c each; \$2.00 per doz. (Ready in December.)



Lilium Auratum

**Lily-of-the-Valley**

Plants should be grown in the shade. Pips ready in November and December. \$1.00 per doz.

**Hemerocallis**

(Day Lily)

**AURANTIACA.** The beautiful orange colored flowers are very effective as a background or as a border to a shrubbery. The blooming season is quite long. 10c each; 85c per doz.

**Agapanthus**

(Blue African Lily)

A very hardy and sure blooming lily, bearing clusters of bright blue flowers on stiff stems about three feet high. The leaves are long, glossy and very decorative. 20c each; \$2.00 per doz.

**BABY BLUE EYES** or *Nemophila* is an excellent covering for any bulb bed. The seed should be sown on top of the bulb bed, about January 1st, covering with a light mulch of leaf mold. The *Nemophila* will bloom at the same time as the bulbs and makes a very dainty ground covering.



Lily of the Valley

**Calochortus** (Mariposa Tulip)

Calochortus should have a special and separate bed where nature will care for them after they have been planted. Mix a liberal amount of leaf mold with the soil in preparing it and plant them in partial shade during October. Set them to a depth of about 3 inches and water them thoroughly.

On large estates it is well to let the rains start them and only in the case of severe drought should they be watered. After the blooming season leave them in the ground and without water. They are easily grown; they multiply rapidly and are one of our most attractive native California flowers.

**CALOCHORTUS MIXED.** Contains many of the very finest varieties. 75c per doz.; \$3.50 per 100.

**Caladium Esculentum**

(Elephant's Ear)

One of the most effective foliage plants for beds or borders and especially where a tropical effect is desired. Large bulbs 30c each; 3 for 75c.

**Chlidanthus Fragrans**

(Miniature Amaryllis)

Very attractive plant bearing clusters of sweetly fragrant yellow flowers, very similar to small Amaryllis. 10 inches high. They are especially lovely planted with blue delphiniums in a perennial border. 10c each; 90c per doz.

**Lily Collection No. 1**

One bulb each of Candidum, Regale and Tigrinum for 50c. Three bulbs of each for \$1.35, postpaid.

**Lily Collection No. 2**

One bulb each of Auratum, Rubrum and Tigrinum for 50c. Three bulbs of each for \$1.35, postpaid.

**Allium**

Charming starlike flower appreciated by all who grow it because of its splendid keeping qualities—it will remain fresh in water a week or ten days after cutting. The flowers are pure white with black centers and grow in clusters. 10 inches tall. Easy of culture. 35c per doz.



Allium

## A & M Superfine Gladioli

Our Gladioli are grown on new, clean land each season thus eliminating any danger from fungus that might be carried over from year to year. As an additional safeguard the bulbs are treated in a disinfectant solution before planting. No flowers are cut for sale from our fields. By allowing the flower and foliage to die down naturally more vitality returns to the bulb and it is superior in all respects. Gladioli should be planted about 3 inches deep in good soil, preferably in a sunny situation. One-half dozen priced at the one dozen rate.

**AIDA** — Striking purple-blue with small reddish blotches on lower petals. Beautiful large flowers. 15c each, \$1.50 doz.

**ALBATROSS** — One of the finest white Gladiolus. The spikes are large with flowers of wonderful substance. No markings in throat. 25c each, \$2.50 doz.

**ANNA EBERIUS** — Purple, very popular shade. 4 for 25c, 75c doz., \$5.00 per 100.

**AVE MARIE** — A wonderful large light blue. It will open 8 to 10 florets at a time on a perfect spike. 20c each; \$2.00 per doz.

**BETTY NUTHALL** — The flowers are a vivid orange, pink and yellow and form a wonderful spike of splendid substance. Tall and vigorous. 3 for 25c, \$1.00 per doz.

**BYRON L. SMITH** — Light lavender with cream coloring in throat. Resembles a cattleya orchid. 4 for 25c, 75c per doz., \$5.00 per 100.

**CHARLES DICKENS** — Clear bright purple with velvety blotch on lower petal. Flowers are splendidly placed on stem. Good substance. 2 for 25c, \$1.25 doz.

**CHICAGO WHITE** — Early compact blooms of attractive creamy white. 4 for 25c, 75c doz., \$5.00 per 100.

**COMMANDER KOEHL** — A rich deep toned scarlet. The spikes are mammoth with large wide open blooms of heavy texture. 20c each, \$2.00 per doz.

**CRIMSON GLOW** — Glowing velvety crimson, shaded deeper in center; tall, strong grower and flowers well placed. 3 for 25c, \$1.00 per doz.

**DR. F. E. BENNETT** — Peerless flame-scarlet variety with ruby throat. Flowers of good substance. 3 for 25c, 85c per doz.

**EARLY SUNRISE** — Deep salmon, orange throat, very large flowers. 3 for 25c, 85c per doz.

**GOLDEN DREAM** — Deep golden yellow. One of the best clear yellow Gladiolus introduced. Very long, straight spike. 4 for 25c, 75c per doz.

**GOLDEN MEASURE** — A large, clear, deep yellow. 3 for 25c, 85c per doz.

**HERADA** — Large blooms of pure mauve feathered purple in the throat. An elegant variety worthy of a place in any garden. 4 for 25c, 75c per doz., \$5.00 per 100.

**LOS ANGELES** — Grenadine pink with considerable orange. Los Angeles is often referred to as the "Cut and Come Again" Gladiolus, because it produces many branches on one stalk. 4 for 25c, 75c per doz., \$5.00 per 100.

**MARMORA** — One of the finest in the smokey color class. A lovely lavender gray with slight purple marking in throat. 15c each, \$1.50 per doz.

**MINUET** — An exquisite flower of beautiful clear lavender. The spikes are of good size and florets nicely placed on straight stems. 2 for 25c, \$1.50 doz.

**MRS. FRANCIS KING** — Bright red. 4 for 25c, 75c per doz.

**MRS. FRANK PENDLETON** — Rose-pink with carmine blotch. Large wide open flowers and excellent for vase work. 4 for 25c, 60c per doz., \$4.00 per 100.

**MRS. LEON DOUGLAS** — Immense begonia rose flower striped with flame and brilliant scarlet. Lip pale lemon, slightly speckled with ruby. A giant among Gladioli. 4 for 25c, 75c per doz.

**MRS. VAN KONYNENBURG** — Matchless aniline-blue. Several flowers open at a time. Fine, healthy grower. 15c each, \$1.50 per doz.

**ORANGE QUEEN** — Exceptional variety with superb spikes of distinct glowing apricot-orange color. Very striking. 3 for 25c, \$1.00 per doz.

**PFITZER'S TRIUMPH** — One of the largest and most striking Gladioli in the garden. It is a flaming scarlet orange though usually placed in the red class. 15c each, \$1.50 per doz.

**PRINCE OF WALES** — A clear, delicate salmon pink. The finest of this color and one that we highly recommend. An early variety and very popular for cutting. 50c per doz., \$2.75 per 100.

**PURPLE GLORY** — Large ruffled flowers of velvety maroon. Very tall and showy. 10c each, \$1.00 per doz.

**SOUVENIR** — Primulinus. A striking clear bright yellow. 4 for 25c, 60c per doz., \$4.00 per 100.

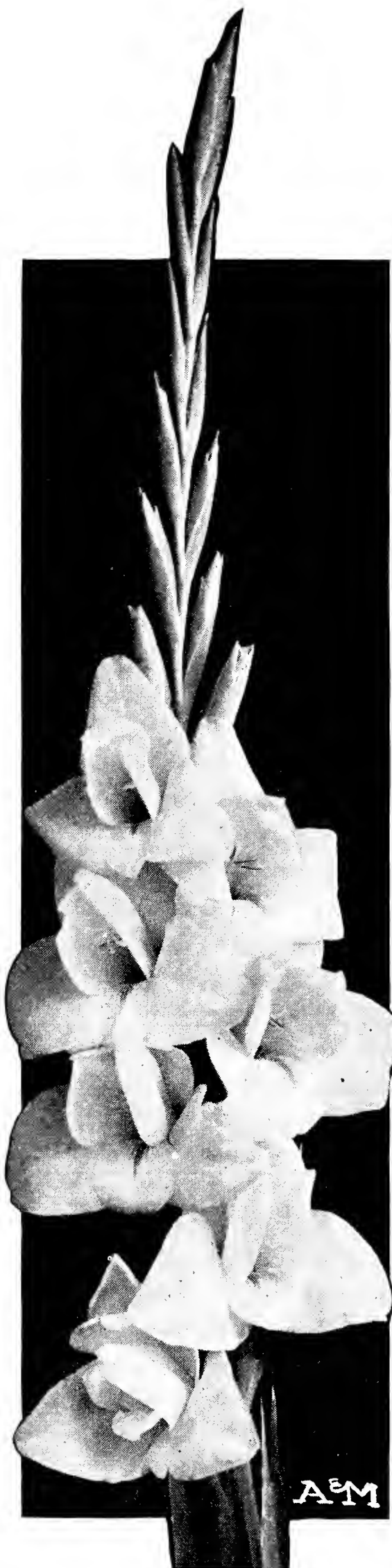
**VIRGINIA** — Brilliant scarlet. A vigorous grower with erect stalks. Exceedingly attractive for cutting or will give a grand mass of color when grown in beds. 4 for 25c, 60c doz., \$4.00 per 100.

**W. H. PHIPPS** — The wonder Gladiolus. Spikes are enormous with several flowers open at the same time. Lovely salmon-pink; lower petals faintly speckled ruby. A prize winner. 4 for 25c, 75c per doz.

**EXTRA CHOICE MIXTURE** — Grown from the best mixture of bulblets and includes many of the finest varieties. A splendid range of colors will be obtained from this fine assortment. 60c per doz., \$4.00 per 100.

**FANCY MIXED** — This mixture comprises a large number of varieties in good blooming size bulbs. The wide range of colors will be a delight to the garden. 40c per doz., 75c per 25, \$2.50 per 100, \$22.50 per 1000.

**PRIMULINUS MIXED** — Many of the most recent introductions are included in this mixture. This type is very valuable as a cut flower, the long, slender spikes lending themselves to most artistic arrangements in vases. 50c doz., \$2.75 per 100.



Orange Queen





Hardy Iris

## Baby Gladioli

These dainty flowers are excellent for cutting or for color effect in the Spring garden. Many flowers are produced from a single bulb. Colors are salmon, old rose, pink, red, white in mixture only. 50c per doz.; \$3.50 per 100.

## Hardy or German Iris

This class of Iris, sometimes known as "Bearded" Iris, has justly come into popular favor and is the crowning glory of the spring garden. In planting a selection of these perennials a magnificent range of color is assured, seldom obtained in other subjects. The plants should be set out in a sunny situation from June to December. It is a good plan to work a small quantity of Gypsum into the soil, which is both beneficial to growth and a preventative of Iris rot.

GAVIOTA. Creamy white, yellow edges.

IRIS KING. Golden yellow standards. Falls velvety crimson.

SOLEDAD. Early blooming yellow.

LORELEY. Yellow with purple splashing on falls.

AMBASSADEUR. Standards bronze. Falls velvety reddish purple.

CONQUISTADOR. One of the tallest Iris. Light violet blue; fragrant.

DREAM. A lovely crinkled orchid-pink. Late.

SOUV. MME. GAUDICHAU. Dark velvety purplish blue. Tall. Fragrant.

15c each; \$1.50 doz.

GLOAMING. Bright russet, fine for borders, low growing.

MARY GIBSON. Light bronzy rose. Tall.

SAN GABRIEL. Very tall pinkish lavender. Early. Fragrant.

SAN LUIS REY. Large red-violet. Beautiful form. Tall.

SANTA BARBARA. Finest of pure lavender blues. Beautiful.

MOONLIGHT. Creamy amber with yellow beard.

35c each; \$2.50 doz.

MME. DURRAND. Buff flushed lilac and amber. Tall. 50c each.

FORTUNA. Amber yellow. Falls veined reddish brown. 50c each.

EL CAPITAN. Huge flowers. Light violet blue. Fine. 60c each.

FRIEDA MOHR. Lilac pink. One of the largest and best. 60c each.

RAYO DE SOL. Clear bright yellow. Tall. 60c each.

LOS ANGELES. Huge white flowers daintily edged with blue. 75c each.

PURISSIMA. Splendid pure white. Fine form and substance. \$1.00 each.

## Ranunculus

Plant These In Quantity for Cut Flowers or Garden Show

During recent years the Ranunculus has become one of our most popular early spring blooming flowers, being used extensively for massed beds or for borders.

They may be planted from September to February or March, the earlier planting, however, will produce a more sturdy growth and a greater number of flowers over a longer blooming period.

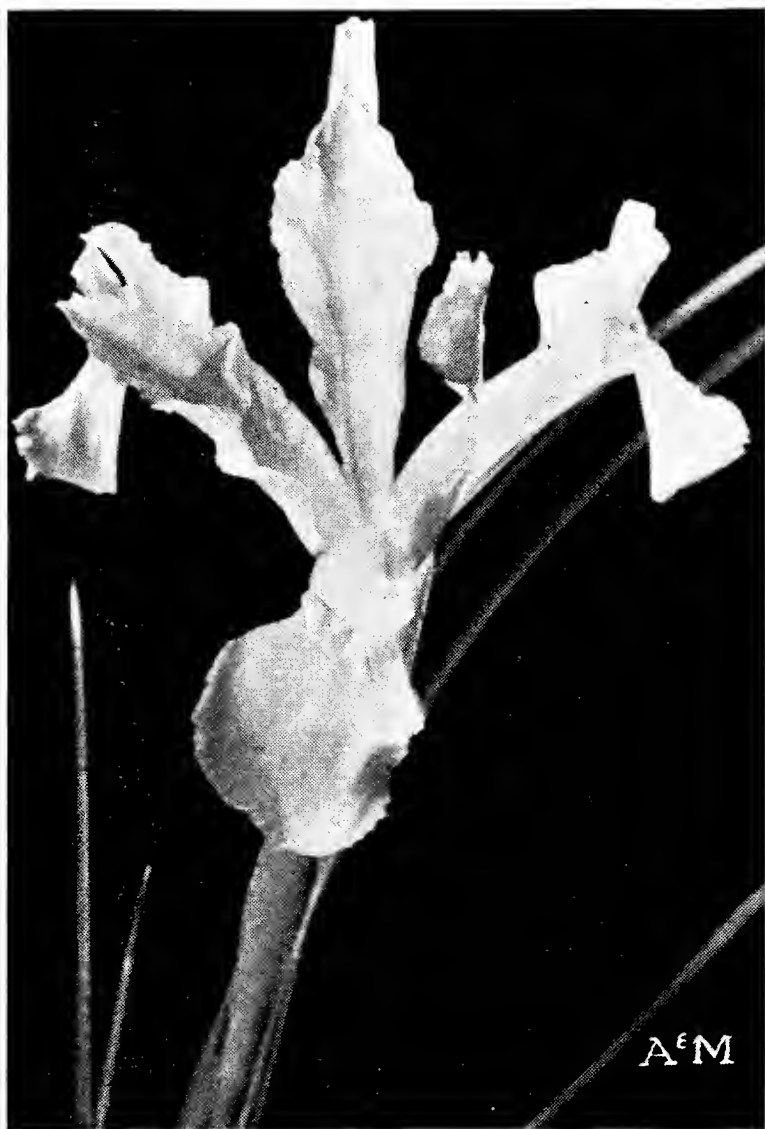
Plant with the claws downward; set a few inches apart in the row and cover to a depth of 3 to 4 inches. The general cultural directions for Ranunculus are practically the same as those for Anemones to which please refer. We have discontinued offering 2-year-old bulbs as we find they tend to deteriorate after the first year.

**A & M SUPERBA HYBRIDS.** These wonderful hybrids are grown from a famous strain of seed recently imported into this country and many growers who are producing cut flowers have pronounced them the best that have appeared on the Los Angeles market. The flowers are unsurpassed in range of brilliant and desirable colors and they come almost 100 per cent double.

Extra Large Bulbs—65c per doz.; \$5.00 per 100.

Large Bulbs—45c per doz.; \$3.50 per 100.

Medium Bulbs—25c per doz.; \$1.00 per 50; \$1.85 per 100.



Dutch Iris

### Dutch Iris

Dutch Iris are considered by many to be superior to Spanish. They are earlier and larger.

**IMPERATOR.** (Filifolia). Late blue. 3 for 25c; 75c per doz.

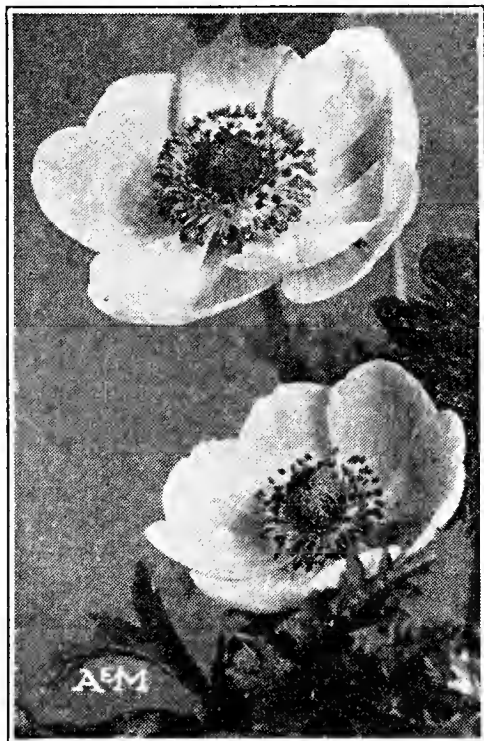
**THERESE SCHWARTZ.** Lavender and white. 10c each; 85c per doz.

**WHITE EXCELSIOR.** Large white. 10c each; 85c per doz.

**YELLOW QUEEN.** Early yellow. 10c each; 85c per doz.

**WEDGEWOOD** (Tingitana Hybrid). Large clear wedgewood blue. Very tall and vigorous. 15c each; \$1.50 per doz.

**BRONZE (SPANISH)** — 15c each; \$1.50 per doz.



Anemones, Coronaria



A & M Superba Hybrids Ranunculus

## Anemones

With their bright and varied colors Anemones make a splendid showing during the spring and should be planted extensively for best effects. They are also excellent as cut flowers and make pleasing bouquets. Plant during fall and winter in slightly raised beds on well drained land where they will not get too much water. Set the bulbs 5 to 6 inches apart and 3 to 4 inches deep with the pointed ends downward. Keep them on the dry side at all times if possible. Finely ground bone meal applied at the rate of 3 ounces to the square yard and well mixed in the soil is a suitable and safe fertilizer.

**A & M GIANT SINGLE CORONARIA.** This fine mixture of single poppy-like flowers includes a medley of colors—red, pink, blue, white, etc. Large bulbs, 45c per doz.; \$3.50 per 100. Medium bulbs, 25c per doz.; \$1.85 per 100.

**A & M ST. BRIGID.** A beautiful selection from the Coronaria type containing many doubles and semi-doubles in the choicest colors. Large bulbs, 50c per doz.; \$3.75 per 100.

**HIS EXCELLENCY.** Very beautiful large single scarlet flowers on strong stems. Large bulbs, 50c per doz.; \$3.75 per 100.





Amaryllis, Vittati Hybrids

## Amaryllis

**BELLADONNA MAJOR.** This variety has luxuriant green foliage during the fall, winter and spring. During late spring the foliage dies off and in July and August the flower stalks rise from the bare ground with umbels of lovely, rose-pink lilies. The flowers are fragrant and keep well. The bulbs should be planted during the fall, but do not always flower the first year if planted late. Large size, 20c each; \$2.00 per doz. Small bulbs, 15c each; \$1.50 per doz.

**VITTATI HYBRIDS.** The finest of this class. The flowers have six petals of velvety texture, which curve back and open wide so that these gorgeous flowers often measure 8 to 10 inches across. The colors vary through all shades of red, scarlet, pink and white. 45c each; 3 for \$1.20.

**JOHNSONI.** Brilliant red and very large flowers. One of the finest. 25c each; \$2.50 per doz.

## Crocus

One of the first flowers to bloom in early spring. Grows 3 to 4 inches high and is excellent for borders or masses. Will do well in partial shade.

**BARON VON BRUNOW.** Dark blue. 60c per doz.; \$4.50 per 100.

**SIR WALTER SCOTT.** White, lilac stripe. 60c per doz.; \$4.50 per 100.

**KING OF THE WHITES.** 60c per doz.; \$4.50 per 100.

**EXTRA LARGE YELLOW.** 75c per doz.; \$5.50 per 100.

**MIXED.** All colors. 50c per doz.; \$3.50 per 100.

## Brodiaea

**BRODIAEA CAPITATA.** This very attractive native California flower is often referred to as "Wild Hyacinth." The violet-blue flowers grow in clusters on stems 2 feet tall. They are of easy culture—thriving in hot or dry places and in any good garden soil. Plant about 3 inches deep and give them the same culture as Calochortus. 50c per doz.; \$3.50 per 100.

**BRODIAEA LAXA.** A handsome, large flowering variety. There are 20 to 30 large purple flowers to an umbel. Height about 2 feet. Will thrive in either sun or shade. 75c per doz.; \$5.00 per 100.

## Ixias

These beautiful flowers grow on graceful stems 12 inches to 18 inches high and require the same culture as Freesias. They are excellent for cutting and are increasing in popularity each year.

**AFTERGLOW.** Rosy carmine and apricot-orange with deep carmine center. 65c per doz.

**YELLOW SHADES MIXED.** 50c per doz.

## Ornithogalum

**ARABICUM.** Large clusters of pure white, star-shaped flowers with a jet black center and a delightful perfume. They grow to a height of about 2 feet, are very attractive and are easily grown. 10c each; 75c per doz. (Illustrated page 19.)

## Oxalis

These attractive flowers are useful for borders, hanging boxes and window boxes. They bloom freely in partial shade and are particularly attractive for winter flowering. Plant 2 inches deep and about 6 inches apart.

**BOWEI.** Very desirable type. Flowers a brilliant rose. 35c per doz.

**BERMUDA BUTTERCUP.** Yellow. 35c per doz.

## Pancratium Maritimum

(Spider or Spirit Lily)

This attractive plant belongs to the Amaryllis family and forms clumps which, when in bloom, are a mass of clustered heads of pure white waxy flowers. The flowers are of peculiar and interesting structure and are borne 5 or 10 to the umbel. The fragrance is unsurpassed. Extra large bulbs, 10c each, 90c per doz.

## Dierama

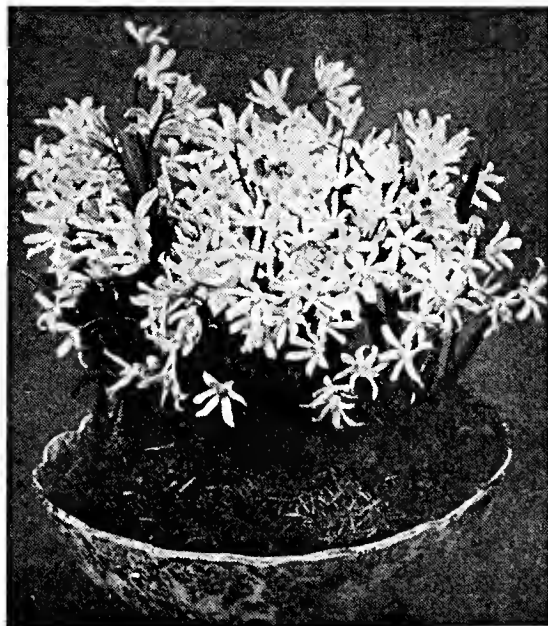
(Wedding Bells)

**PULCHERRIMA.** Another lovely plant from South Africa and closely related to our common Sparaxis. This one grows to a height of 5 or 6 feet and produces many dainty rose-colored, bell-shaped flowers which hang from slender, gracefully arched stems. 20c each; \$2.00 per doz.

## Chionodoxa

(Glory-of-the-Snow)

These are lovely early spring flowers blooming in February, March and April and are generally used for borders or for pot culture. The flowers are blue with six or more to a stem. The bulbs may be left in the ground, lifting only every 3 or 4 years. Plant 3 inches deep, 4 inches apart. 3 for 15c; 50c per doz.; \$3.00 per 100.



Chionodoxa

## White Calla

Very popular for outdoor bedding in California. They should be taken up every fourth year and the bulbs separated. Dig during June, dry thoroughly and transplant. 15c each; \$1.65 per doz.

## Yellow Calla

One of the most attractive flowers grown, suitable for outdoor bedding or for pot culture. The blossom is large and a deep golden yellow. The leaves are spotted white. Small bulbs, 15c each; \$1.65 per doz. Large bulbs, 25c each; \$2.50 per doz.

## New Pink Calla

These desirable plants grow to a height of about 18 inches, the flowers being miniature callas, 1½ inches to 2 inches across, of an attractive rose-pink shade. They are grown very successfully out-of-doors in Southern California or they may be grown in pots for house decoration. 75c each; 3 for \$1.60.

## Black Calla

A most remarkable and rare plant having flowers shaped like the ordinary Calla but is a crimson-maroon color so dark that it appears to be black. The plant grows to a height of about 3 feet and the foliage is very decorative. 50c each; 3 for \$1.15.

## Snowflakes

(*Leucojum Vernal*)

Pretty little white bells with a bright dot of green, hanging gracefully on stems eight to ten inches long make these little early spring flowers a delight to all. Plant the bulbs 3 inches deep and give the same culture as Narcissi. 85c per doz.; \$5.00 per 100.

## Snowdrops

(*Galanthus*)

Dainty little pendulous flowers which bloom early in the spring. The bell-shaped flower is white tipped with green. They prefer a cool, moist situation. 3 for 20c; 60c per doz.; \$4.50 per 100.

## Sparaxis

A small bulbous plant bearing flowers very similar to the Ixias. The flowers are slightly larger and there is a great range of colors, making them very attractive as bedding plants. Plant them about 2½ inches deep and 2 or 3 inches apart. 50c per doz.; \$3.50 per 100.

## Sprekelia

FORMOSISSIMA (Jacobean Lily). Brilliant flowers of bright crimson with narrow spreading petals. Closely allied to the Amaryllis. 20c each; \$2.00 per doz.

## Tritonia

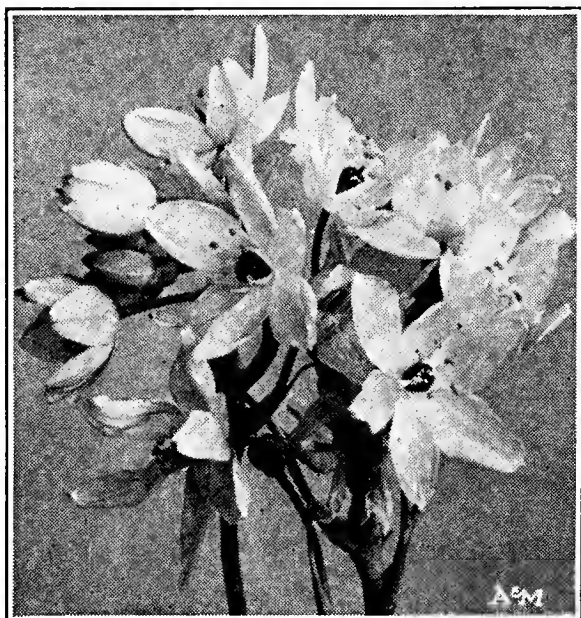
MIXED. Very showy flowers in shades of pink and salmon. Grows about 1 foot tall and the culture is much the same as for Freesias. Will be widely planted when better known. 50c per doz.

## Zephyranthes

(*Fairy Lily*)

CANDIDA. Beautiful white flowers and attractive foliage, making it a very desirable plant for borders and beds. Height about 1 foot. Long blooming season. Bulbs multiply rapidly. 50c per doz.; 100 for \$4.00.

ROSEA. A beautiful variety with rose-colored flowers. 75c per doz.; 100 for \$5.50.



Ornithogalum—see page 17



Yellow Callas

## Watsonia

A clump of Watsonia in a partially shaded nook will add an artistic touch to the garden and will furnish beautiful spikes for cutting. However, like Gladioli to which they are closely allied, they prefer full sun. The bulbs of these are ready for planting in August and the sooner they are planted after this the better will be the results. Bulbs that are kept out of the ground more than three months begin to deteriorate, therefore, we do not offer them after November 15th. Plant them about 3 or 4 inches apart and cover to a depth of about 2½ or 3 inches.

## New and Lovely Watsonias

BRIGHTON. Lovely large wide open flowers of purple rose or dark mauve. 4 feet.

MARGINATA. Exceptionally long spikes of dainty lavender pink. Unlike any other variety of Watsonia and very rare. 6-7 feet.

MELBOURNE. Salmon pink flowers of medium size well placed on the stems. 4 feet.

VICTORIA. Very large, cerise rose and salmon. Beautiful flower. 5 feet.

Price, each of the above, 25c each; \$2.50 per doz.

## Choice Watsonias

CLEMENTINA. Salmon-rose.

ED. D. STURTEVANT. Vivid orange scarlet.

FANNIE LYON. Delightful apricot buff.

J. J. DEAN. Deep rose-pink.

GIANT WHITE (Ardernli). Pure white.

Price, each of the above, 10c each; \$1.00 per doz.

MIXED. A splendid mixture of best shades. 65c per doz.

## Water Lilies

See page 76 of our General Catalog for complete list of Water Lilies and aquatic plants for present planting.

## Bulb Fiber

Bulb Fiber is excellent for use in pot culture of Hyacinths, Tulips, Narcissi, Chinese Lilies, etc. Our Bulb Fiber is especially prepared; it requires no drainage and may be used in all kinds of bowls and jardinières. Quantity sufficient for 6- or 8-inch bowl, 15c; larger quantity, 25c per lb.

## Bone Meal

A suitable and safe fertilizer for all bulbs. 1 lb., 10c; 5 lbs., 35c; 25-lb. bag, \$1.00; 100 lb. bag, \$2.50. Postage or freight extra.

## Depth to Plant Bulbs

Inches	Inches	Inches
Agapanthus ..... 4-6	Freesias ..... 2	Ornithogalum ..... 3-4
Allium ..... 1	Gladioli ..... 3	Ranunculus ..... 3-4
Amaryllis ..... 2-4	Hyacinths ..... 5-7	Snowdrops ..... 2
Anemones ..... 3-4	Lilies ..... 8-10	Tulips ..... 5-7
Crocus ..... 2-4	Lily-of-the-Valley .. 2-3	Watsonias ..... 3
Daffodils ..... 5		

## New Introductions for Autumn 1934

### Rust-Proof Snapdragons

*(Rust-Proof Antirrhinums)*

For several years past, Snapdragon growers everywhere have found it increasingly difficult to grow that popular flower successfully owing to infestations of Snapdragon Rust.

*This year we take pleasure in introducing a new strain of Snapdragon seeds which will produce plants at least 75% Rust-Proof.*

These plants, with their healthy, glistening foliage, bear beautiful spikes of large flowers similar to, but exceeding in beauty, the well-known Majus Grandiflora type.

#### SEPARATE COLORS

Bronze Shades	White Pearl	Shasta White
Crimson	Pink Shades	Yellow

**35c per Packet, 3 for \$1.00**

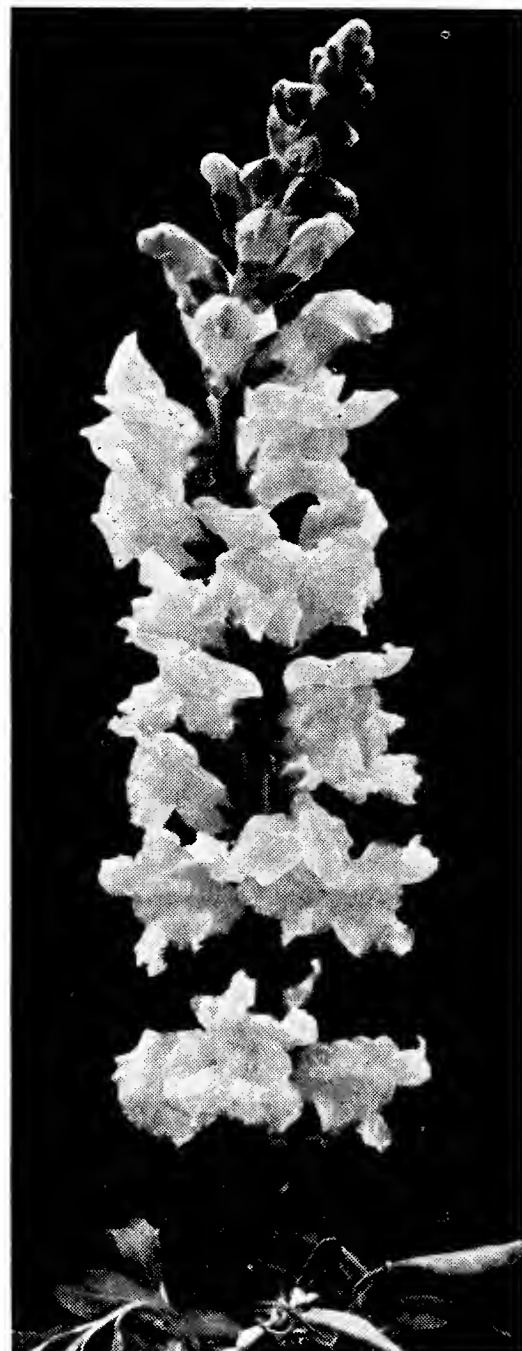
#### MIXTURE

This mixture contains a wonderful range of popular colors.

**Per Packet 25c**



New  
Rust-Proof  
Snapdragon



## New Double Nasturtiums

### *Scarlet Gleam*

More dazzling in color than the famous Golden Gleam, the new DOUBLE SCARLET GLEAM has been acclaimed the outstanding introduction of the year. The fiery orange scarlet flowers are fully double, very large and sweet scented. The stems are long, making it a valuable flower for cutting. Per packet— 25c; ¼ oz. \$1.25; ½ oz. \$2.00; oz. \$3.75.

## Gleam Hybrids

These hybrids are uniformly double, large and delightfully fragrant. The color range includes gorgeous shades of salmon, golden yellow, orange-scarlet, cerise, cream, maroon and many others. Per packet— 25c; ¼ oz. 85c; ½ oz. \$1.40; oz. \$2.50.



# Flower Seeds for Fall Planting

The various Flower Seeds here listed are especially recommended for planting in the fall in California and similar climates. By sowing in August and September many varieties come into bloom in early spring when the outlook is usually bare. The seeds in A & M Packets are the finest that can be procured and are always fresh.

## Antirrhinum

(Snapdragon)

If grown in the fall it will be one of the earliest spring flowers. Splendid for cutting. A & M California Snapdragons are the finest strain obtainable.

Rust-Proof Strains—see page 19.

## Tall Maximum

The newest creation in Giant Snapdragons. Height 4 feet.

APPLE BLOSSOM. Rosy pink, yellow lip. Pkt. 20c.  
CANARY BIRD. Pkt. 20c.  
COPPER KING. Pkt. 20c.  
OLD GOLD. Pkt. 20c.  
PURPLE KING. Pkt. 20c.  
RUBY. Pkt. 20c.  
SNOWFLAKE. Pkt. 20c.  
THE ROSE. Pkt. 20c.  
FINEST MIXED. Pkt. 15c; 1/8 oz. 35c.  
COLLECTION 28F. One packet each of five separate colors 75c.

## Semi-Dwarf Large Flowering

Height 18 inches.

DEFIANCE. Scarlet. Pkt. 15c.  
GLORIA. Rose. Pkt. 15c.  
GOLDEN YELLOW. Pkt. 15c.  
PHILADELPHIA PINK. Pkt. 25c.  
PURITY. White. Pkt. 15c.  
ROCK'S WHITE. Pkt. 20c.  
WHITE. Pkt. 15c.  
SEMI-DWARF MIXED. Pkt. 10c; 1/4 oz. 35c.  
COLLECTION 28A. One packet each of six separate colors 65c.

## Tall Large Flowering Antirrhinum

Height 3 feet.  
TALL MIXED SNAP-  
DRAGON. Pkt. 10c;  
1/4 oz. 25c.

## Acroclinium

Everlasting flower, height 1 foot. Annual.  
DOUBLE ROSEA. Bright pink. Pkt. 10c.  
DOUBLE MIXED. Pink and white. Pkt. 10c.

## Alyssum

Blooms continuously; used for beds and borders. Annual.

LITTLE GEM. Height 6 inches. Pkt. 10c; 1/4 oz. 25c.

LILAC QUEEN. Pkt. 10c; 1/4 oz. 25c.

SWEET WHITE. Height 8 inches. Pkt. 10c; oz. 30c.

SAXATILE YELLOW. Perennial. Height 1 foot. Pkt. 10c; 1/4 oz. 25c.

## Anemone

(Windflower)

GIANT FRENCH SINGLE MIXED. This lovely flower may be grown from seeds as well as bulbs. Our seed has been saved from an extra fine strain and contains a choice mixture of colors. Pkt. 25c.

## Bartonia Aurea

Annual. Bright golden yellow flowers. Easy to grow. 2 to 3 feet high. Beautiful cut flower. Pkt. 10c.

## Browallia

ELATA BLUE. Profuse flowering annual, blooming in early spring if sown in August or September. Pkt. 15c.

## Aquilegia

(Columbine)

Perennial. Attractive foliage with graceful flowers on long stems. Succeeds well in shady locations. Must be planted in fall for spring blooming.  
LONG SPURRED HYBRIDS. Elliott strain. Mixed. Pkt. 15c.  
LONG SPURRED BLUE. Pkt. 20c.  
LONG SPURRED PINK. Pkt. 20c.  
LONG SPURRED ORANGE AND SCARLET. Pkt. 20c.  
COLLECTION 7F. One pkt. each of the above 3 separate colors, 45c.  
SINGLE MIXED. Pkt. 10c.  
DOUBLE MIXED. Pkt. 10c.

## Agatheia

Sometimes referred to as the Blue Marguerite. Plants dwarf and compact, covered throughout a long season with myriads of small Blue Marguerite-like flowers. These are splendid for cutting purposes. Pkt. 10c.

## Bellis Perennis

(Double English Daisy)

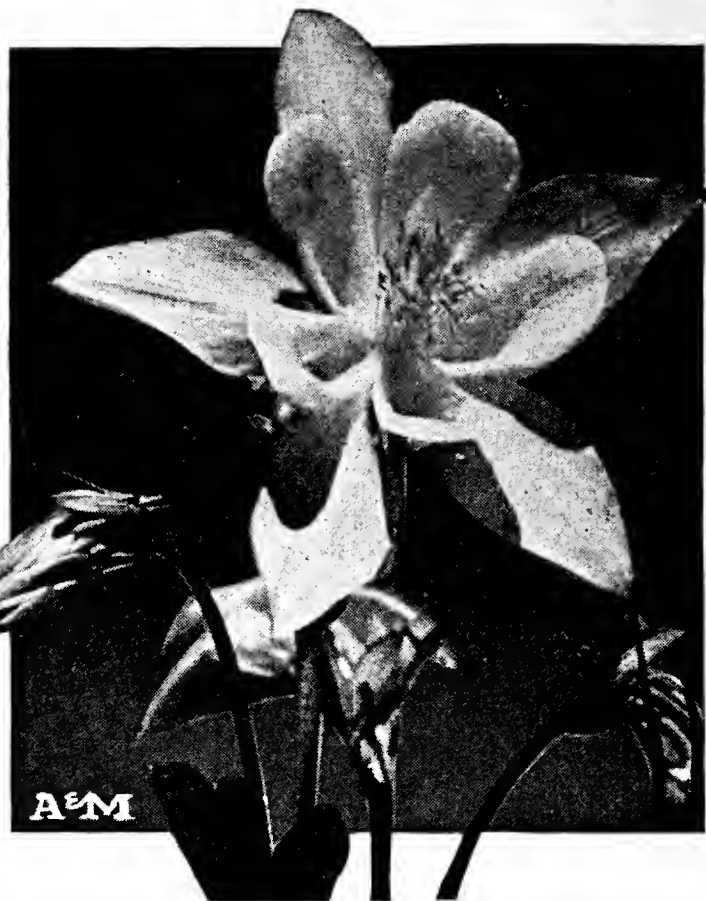
Perennial. Used for borders. About 4 inches high. Will flower all through spring and summer.

DOUBLE PINK. Pkt. 10c.  
DOUBLE WHITE. Pkt. 10c.  
DOUBLE RED. Pkt. 10c.  
DOUBLE MIXED. Pkt. 10c.

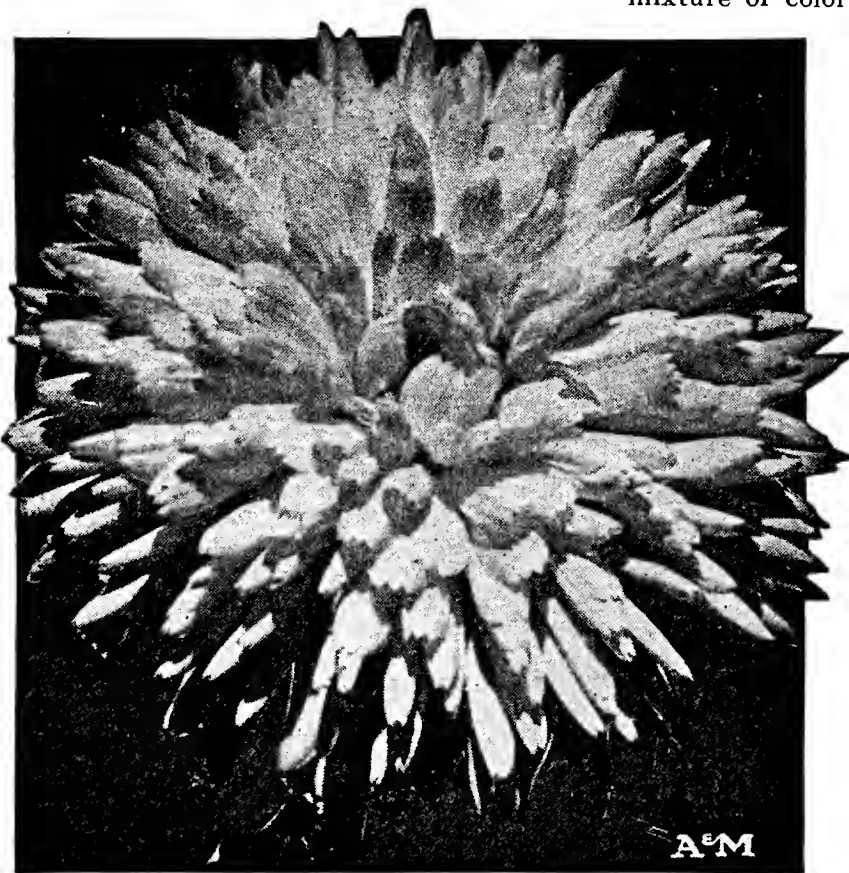
## Calliopsis

Annuals. Profuse bloomers. Will bloom in ten weeks from seed.

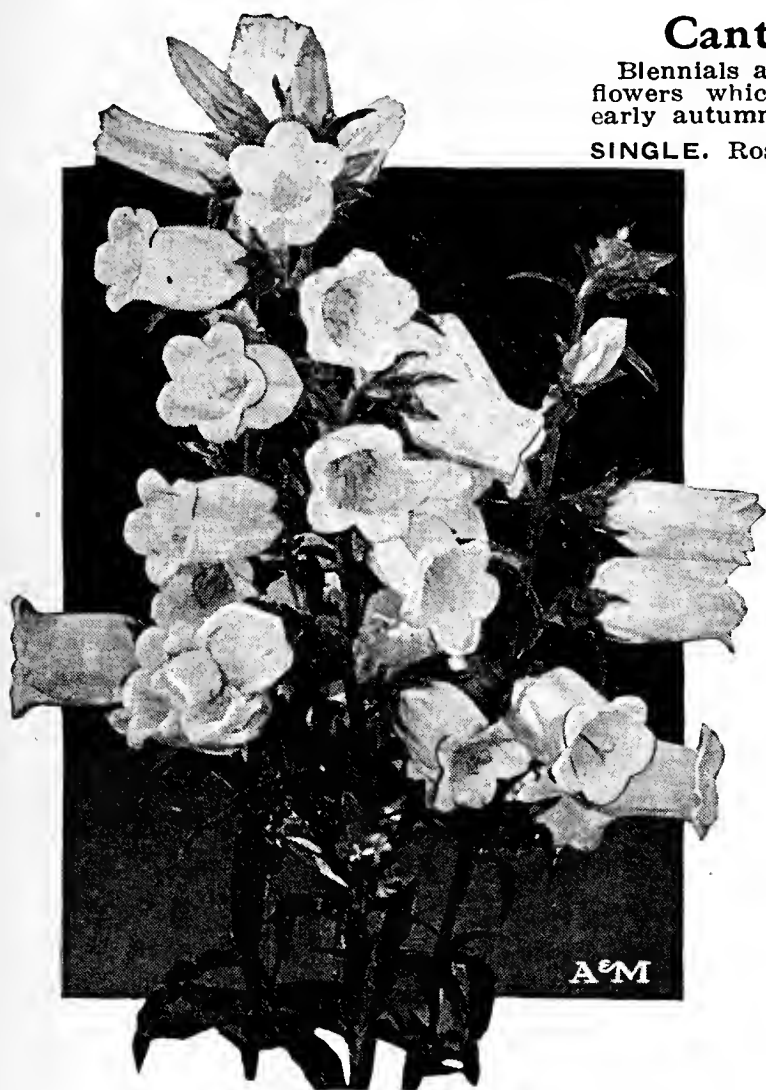
DWARF MIXED. Pkt. 10c; 1/2 oz. 25c.  
TALL DOUBLE MIXED. Height 3 feet. Pkt. 10c; oz. 30c.  
TALL SINGLE MIXED. Height 3 feet. Pkt. 10c; oz. 30c.



Aquilegia, Long Spurred Hybrids



Calendula, Radio



Canterbury Bells—Single

## Calendula

(Pot Marigold)

Hardy annual. One of the very best winter flowers. Of easy culture.

**RADIO.** A distinct and new form of Calendula. The petals are quilled and of a brilliant orange color; very striking. Pkt. 20c.

**CAMPFIRE.** Beautiful orange with scarlet sheen. Pkt. 20c.

**CHRYSANTHA.** Pkt. 15c.

**BALL'S ORANGE.** Glowing orange. Pkt. 15c.

**BALL'S GOLD.** Pkt. 15c.

**BALL'S SUPREME.** Light orange with dark center. Pkt. 15c.

**ORANGE KING.** Pkt. 10c; oz. 40c.

**LEMON QUEEN.** Pkt. 10c; oz. 40c.

**CHOICE MIXED.** Pkt. 10c; oz. 25c.

## Candytuft

Hardy annual. Twelve to eighteen inches high. Rapid grower. Flowers borne in umbels. Useful for cut flowers and bedding. Mass in solid colors for best effect.

**UMBELLATA.** Crimson, pink, lavender, rose or flesh. Each, pkt. 10c.

**UMBELLATA.** Mixed. Pkt. 10c; oz. 30c.

**WHITE HYACINTH - FLOWERED.** Pkt. 10c; ½ oz. 45c.

## Perennial Candytuft

(Iberis)

**GIBALTARICA.** Flowers lilac; valuable for rock gardens and borders. Height 6 inches. Pkt. 10c.

## Catananche

**COERULEA.** Pretty deep blue perennial, growing 2-3 feet high. Very useful for cutting. Pkt. 10c.

## Canterbury Bells

Biennials and perennials. Beautiful flowers which should be planted in early autumn for spring blooming.

**SINGLE.** Rose, blue or white. Pkt. 10c.

**SINGLE MIXED.** Pkt. 10c; ½ oz. 25c.

**DOUBLE MIXED.** Pkt. 15c; ½ oz. 45c.

**CALYCANTHEMA** (Cup and Saucer). Blue, rose, white and mixed. Pkt. 15c.

**LONGISTYLA** (Perennial). Blue flowers. Height 20 in. For rockeries and borders. Pkt. 20c.

**PYRAMIDALIS** (Perennial). Pkt. 15c.

## Calceolaria

The flowers are small, pocket shaped, beautifully tigered or spotted and are borne in great profusion. For best results the seed should be sown in a hotbed or frame during the winter for spring planting out.

**GRANDIFLORA.** Tall Tigered Mixed. Pkt. 50c.

## Centaurea

### Cyanus

(Double)

(Cornflower or Bachelor Button)

This old-fashioned hardy annual is still a great favorite for cutting purposes.

**WHITE, PINK, BLUE or MIXED** — Pkt. 10c.

## Centaurea Imperialis

(Royal Sweet Sultan)

Annual. One plant furnishes many flowers. Especially valuable for cutting. Has long blooming season. Rose, Lavender, Purple, White, Amaranth-Red. Each, Pkt. 10c.

**A & M MIXED.** Pkt. 10c; ¼ oz. 25c.

**CENTAUREA SUAVEOLENS, YELLOW.** Pkt. 10c.

## Cineraria

For exquisite beauty and range of color Cinerarias stand supreme. They are ideal for shady situations and they make graceful pot plants for house decoration. Seed should be sown in flats from July to November and the plants will bloom the following spring.

**A & M SEMI-DWARF MIXED.** The finest strain. Pkt. 35c.

**HYBRIDA LARGE FLOWERING DWARF MIXED.** Pkt. 20c.

## Cheiranthus

**ALLIONI.** Perennial bearing gorgeous orange flowers. Height 12 to 16 in. Charming in borders and rock gardens. Pkt. 10c; oz. 45c.

## Carnation

**ENFANT DE NICE** (New). A fine carnation with upright growth. A wide range of colors. Pkt. 25c.

**ENGELMAN'S GOLD MEDAL.** Splendid new strain of Perpetual Carnation, containing many unusual colors. Flowers are large and of good form. Finest mixed, Pkt. 25c.

**CHABAUD'S EVERBLOOMING.** Blooms quickly and freely. In separate colors of Bright Red, Silvery Pink, Deep Red, Bright Salmon-Pink, White, Deep Rose and Light Yellow. Each, Pkt. 15c. Chabaud's Fine Mixed, Pkt. 15c.

**MARGUERITE.** Mixed. Hardy. Easy to grow from seed. Will bloom in four or five months. Pkt. 10c; ¼ oz. 50c.

## Clarkia

(Double)

Annual. Height 2 feet. Fall sown seed produces early spring flowers. A beautiful, showy plant, very useful for cutting.

**FIREBRAND** (New). Pkt. 15c.

**SALMON QUEEN.** Pkt. 10c.

**BRILLIANT PINK.** Pkt. 10c.

**CHAMMOIS.** Pkt. 10c.

**MIXED.** Pkt. 10c; ½ oz. 45c.

## Coreopsis Lanceolata

(Perennial)

**LANCEOLATA GRANDIFLORA SINGLE.** Plants of this beautiful yellow flower which are started in the fall will produce large flowers during late spring and summer. Pkt. 10c; ½ oz. 25c.

**IMPROVED DOUBLE YELLOW.** Pkt. 15c.

**AURICULA SUPERBA.** Golden yellow with brown zone. Pkt. 25c.

## Cosmos

Early Giant Flowering. Annual. This class of Cosmos will produce in late winter and early spring. The flowers are large and the plants about 3 feet high.

**EARLY CRIMSON, PINK or WHITE.** Pkt. 10c.

**EARLY MIXED.** Pkt. 10c; ¼ oz. 20c.

## Cyclamen

A tender, bulbous perennial, used in greenhouses and window gardens. It is easily grown from seed. Sow in the fall or early spring.

**EXTRA CHOICE MIXED.** Pkt. 35c.

## Daisy, Shasta

Perennial. The seed of this popular flower should be sown in fall to produce flowers in the following summer.

**ALASKA.** Pkt. 10c.

**GIANT DOUBLE.** Pkt. 25c.



Cheiranthus Allioni

## Delphinium

(Perennial Larkspur)

One of the most popular border plants for spring and summer blooming, the riot of the varied blue tints being strikingly effective. Sow in flats from August to November and transplant when large enough. For best methods of sowing, see formula, p. 27.

**A & M SUNBEAM HYBRIDS.** Wonderful color combination. Height 3 to 5 feet. Pkt. 25c.

**WREXHAM HOLLYHOCK STRAIN.** Flowers long and tapering. Pkt. 20c.

**BELLADONNA.** Turquoise blue. Height 3 to 5 ft. Pkt. 15c; 1/8 oz. 35c.

**BELLAMOSA.** Dark blue. Height 3 to 5 feet. Pkt. 15c; 1/8 oz. 35c.

**GOLD MEDAL HYBRIDS.** Mixed. Height 3 to 5 ft. Pkt. 15c; 1/8 oz. 35c.

**CHINENSIS.** Fine mixed. Pkt. 10c; 1/4 oz. 30c.

**DELPHINIUM CARDINALE.** Scarlet. Pkt. 15c; 1/8 oz. 50c.

## Digitalis (Foxglove)

Hardy biennial. Seed must be sown in fall for spring blooming. Will grow in shady locations. Grows 3-6 ft. high.

**GLOXINIAEFLORE MIXED.** Pkt. 10c.

**GIANT SHIRLEY.** Mixed. Pkt. 15c.

## Dianthus or Pinks

These spicy little flowers are easy to grow.

**CHINENSIS.** Double mixed. Pkt. 10c.

**PLUMARIUS.** Double mixed. Perennial grass pink. Pkt. 10c.

**PLUMARIUS.** Single mixed. Perennial grass pink. Pkt. 10c.

**DELTOIDES.** For rock gardens. Scarlet. Pkt. 15c.

**CAESIUS.** For rock gardens. Rose. Pkt. 15c.

**ROCK GARDEN MIXTURE.** Pkt. 25c.

## Dimorphotheca

(African Daisy)

A showy annual from South Africa which has become a great favorite on account of its easy culture and beautiful orange colored flowers.

**AURANTIACA.** Bright orange. Pkt. 10c; 1/4 oz. 50c.

**HYBRIDS.** Shades of yellow and orange. Pkt. 10c; 1/4 oz. 50c.

**SALMON BEAUTY.** Pkt. 15c.

**ECKLONIS.** Perennial. Large white flowers with blue disk. Height 1 1/2 feet. Pkt. 15c.

## Eschscholtzia

Or California Poppy

Hardy annual. Seed may be sown from October until April. Fall sown seed will bring large early flowers.

Plant more California Poppies.

### Fluted and Ruffled Varieties

**RAMONA HYBRIDS MIXED.** Glittering coppery gold with pink shadings. Pkt. 25c.

**ORANGE FLAME.** Vivid orange-scarlet. Pkt. 15c; 1/4 oz. 50c.

**DAINTY QUEEN (New).** Coral pink with cream background. Pkt. 15c; 1/4 oz. 50c.

**DAZZLER (New).** Vivid scarlet. Pkt. 15c; 1/4 oz. 50c.

**FIREFLAME (New).** Orange scarlet; erect plants. Pkt. 15c; 1/4 oz. 50c.

**LOVELY.** Rose-pink suffused salmon. Pkt. 15c; 1/4 oz. 50c.

**SALMON BEAUTY.** Beautiful and distinct color. Pkt. 15c; 1/4 oz. 50c.

**SCARLET BEAUTY.** Deep scarlet. Pkt. 15c; 1/4 oz. 50c.

**EXTRA CHOICE MIXED.** Contains all new colors. Pkt. 15c; oz. 90c.

Collection of Above Eight Named Varieties, for \$1.00

### Standard Varieties

**ORANGE (Aurantiaca).** Pkt. 10c; oz. 30c; lb. \$3.00.

**CHROME QUEEN.** Pkt. 10c.

**GOLDEN WEST.** Pkt. 10c.

**MIXED.** Pkt. 10c; oz. 25c; lb. \$2.50.

## Double Varieties

This strain of California Poppy is distinct and lovely in every way. The flowers resemble small roses.

**DOUBLE SALMON BEAUTY (New).** Pkt. 20c.

**DOUBLE ORANGE.** Pkt. 15c.

**DOUBLE ROSE.** Pkt. 15c.

## Forget-Me-Not

(Myosotis)

Hardy perennial. Seed must be sown in fall for spring blooming. Does best in shady location.

**ALPESTRIS.** Light blue. Height 1 foot. Pkt. 10c; 1/4 oz. 35c.

**BLUE BIRD.** Deep blue; winter flowering. Pkt. 20c.

## Gypsophila

Small white or pink flowers borne in sprays. Universally used as filler in bouquets. Annual.

**ELEGANS WHITE.** Pkt. 10c; oz. 25c.

**ELEGANS CARMINE.** Pkt. 10c.

**ELEGANS CRIMSON.** Pkt. 10c.

**ELEGANS ROSE.** Pkt. 10c.

## Gilia

**CAPITATA.** Graceful annual, height about 2 feet. Flowers are a rich lavender-blue. Sow seeds in fall where plants are to remain. Pkt. 10c; oz. 25c.

**TRICOLOR (Birds Eyes).** Lavender, purple spotted, and yellow center. Height 1 foot. Pkt. 10c; oz. 25c.

## Godetia

Hardy annual. Sow late in fall for spring blooming. Very beautiful colors. Thrives in shady locations.

**DWARF SINGLE.** Mixed. Height 1 foot. Pkt. 10c.

**AZALEA FLORA.** Dwarf double variety suitable for pots. Pkt. 15c.

**DUKE OF YORK.** Rich scarlet flowers. Pkt. 15c.

**SYBIL SHERWOOD.** Salmon edged white. Pkt. 25c.

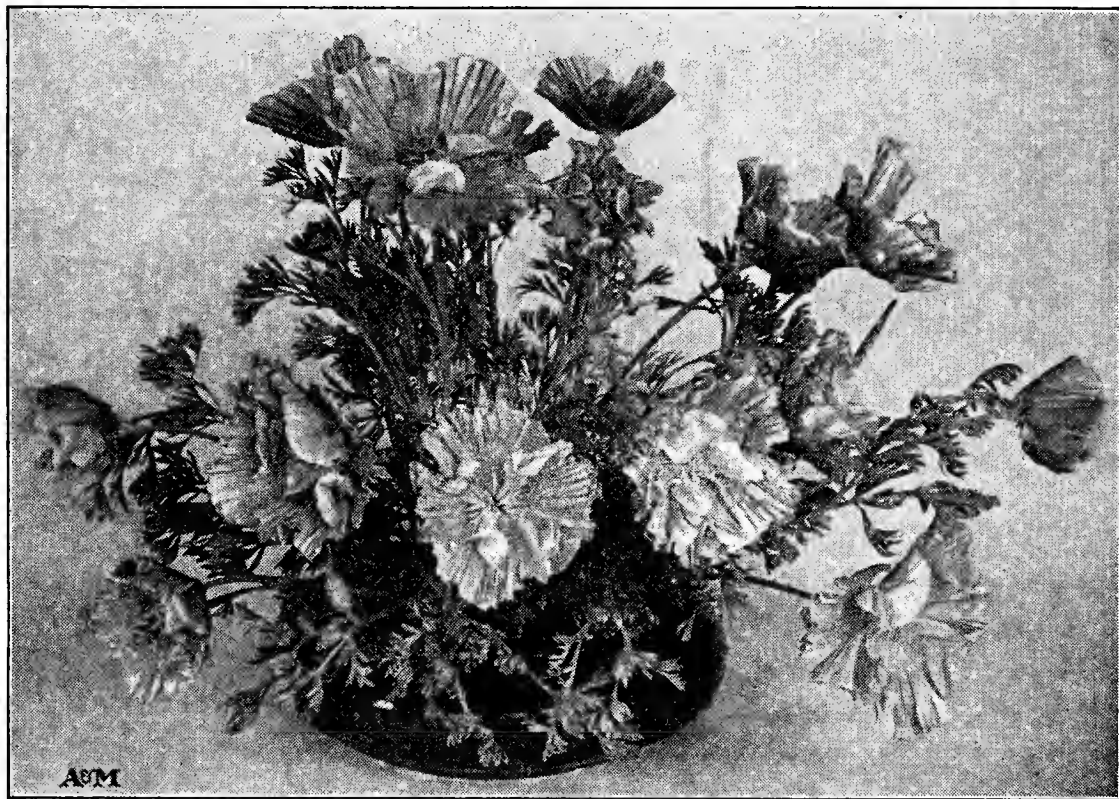
**TALL DOUBLE CARMINEA.** Pkt. 10c.

**TALL DOUBLE ROSEA.** Pkt. 10c.

**TALL DOUBLE LAVENDER.** Pkt. 10c.

**TALL DOUBLE CRIMSON.** Pkt. 10c.

**TALL DOUBLE MIXED.** Height 2 ft. Pkt. 10c; 1/2 oz. 25c.



Eschscholtzia, Ramona

**PANICULATA.** Perennial. White. Pkt. 10c.

**DOUBLE SNOW WHITE.** Perennial. Pkt. 25c.

## Geum

A beautiful hardy perennial producing flowers in profusion from spring till fall. It is an excellent cut flower, having long stems and keeping well.

**MRS. BRADSHAW'S DOUBLE RED.** Large bright orange-scarlet double flowers. Pkt. 15c.

**LADY STRATHEDEN.** Large striking double yellow flowers. Pkt. 15c.

**PRINCE OF ORANGE.** Pkt. 50c.

## Gaillardia

A plant everyone should have in their gardens. Splendid for cutting. Fall sown seed will start blooming early and continue till late fall. Flowers large, brown and yellow in varying shades.

Perennial Varieties

**PORTOLA.** Mammoth flowers. Pkt. 20c.

**THE DAZZLER.** Pkt. 20c.

**TANGERINE.** Pkt. 15c.

**GRANDIFLORA.** Single mixed. Pkt. 10c; 1/2 oz. 25c.

## Heuchera

(Coralbells)

**SANGUINEA.** Hardy perennial. 1 1/2 feet high. Crimson-scarlet flowers. Pkt. 15c.

## A & M Hollyhocks

A hardy perennial of upright, stately growth, 5 to 8 feet high, unequalled for a background or covering ugly places. The seed may be sown in the fall and will bloom following spring.

Double Rose, Double Maroon, Double Scarlet, Double Apple Blossom, Double Salmon Rose, Double Newport Pink, Double Yellow, Double White — Pkt. 10c; 1/4 oz. 60c.

Double Mixed—Pkt. 10c; 1/4 oz. 45c.

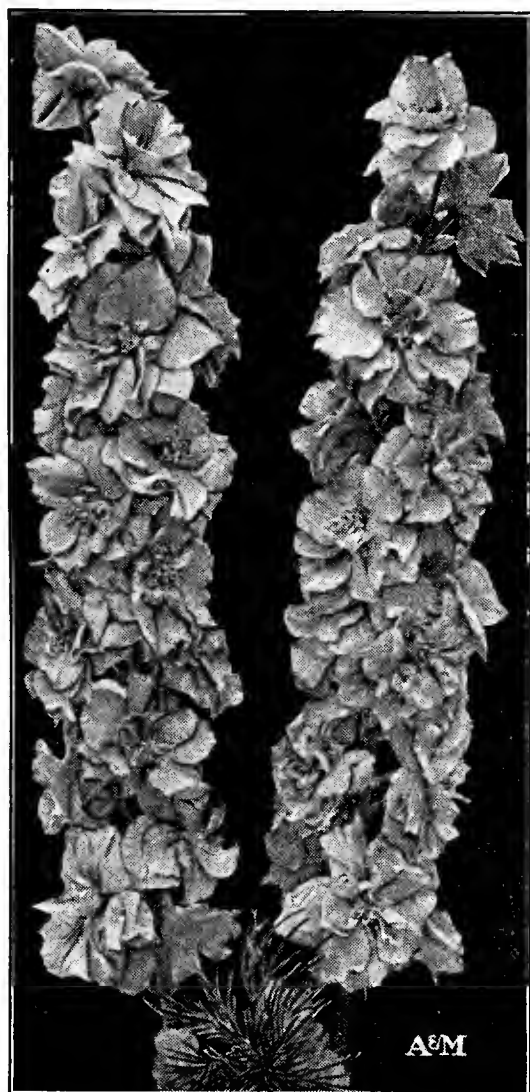
Collection No. 20-F — One packet each of any six named varieties, 50c.

**DOUBLE ORANGE PRINCE (New).** Distinct new shade in Hollyhocks—a rich apricot orange. Pkt. 15c.

**IMPERATOR.** Very large fringed flowers 6 in. across; double rosette in center resembling a crested begonia. Colors ranging through delicate pink to cerise salmon. Pkt. 15c.

**PERENNIAL SINGLE Mixed.** Pkt. 10c.





Larkspur, La France

## Larkspur

This popular annual may be planted throughout the fall and will bloom 3 to 4 months after sowing.

### Outstanding Varieties

BLUE BELL. Pkt. 25c.  
CARMINE KING (New). Rich carmine. Pkt. 20c.  
MISS CALIFORNIA. Rich pink on salmon ground. Pkt. 15c.  
LOS ANGELES. Rose. Pkt. 20c.  
LA FRANCE. Light salmon. Pkt. 15c.  
BLUE SPIRE. Deep blue. Pkt. 15c.  
LILAC SPIRE. Base branching type. Pkt. 20c.  
ROSAMOND. Pkt. 25c.  
WHITE SPIRE. Pure white. Pkt. 20c.  
DE LUXE MIXED. A mixture of the newest varieties. Pkt. 15c; ¼ oz. 35c.  
COLLECTION 23F. One pkt. each of the above seven varieties, 85c.

### Standard Varieties

LUSTROUS CARMINE. Pkt. 10c.  
DARK BLUE. Pkt. 10c.  
AGERATUM BLUE. Pkt. 10c.  
LILAC. Pkt. 10c.  
WHITE. Pkt. 10c.  
A & M MIXED. Pkt. 10c; ¼ oz. 25c.  
COLLECTION 22F. One pkt. each of the above 7 named varieties for 50c.

## Matricaria

(Feverfew)

DOUBLE WHITE (Capensis). A perennial bearing small, double white flowers. Good for cutting. An old-fashioned garden flower. Pkt. 10c.  
GOLDEN BALL. A compact dwarf plant, used for borders. The flowers are a double yellow and bloom freely. Pkt. 10c.

## Mignonette

Annual. An old garden favorite which has been much improved. Giant spikes of fragrant flowers, produced freely on large plants, make this flower even more desirable than heretofore.

A & M COLOSSAL. Giant cream. Pkt. 15c.  
NEW YORK MARKET. Extra long spikes. Pkt. 15c.  
GOLIATH RED. Pkt. 10c.  
ODORATA MIXED. Sweet. Pkt. 10c; oz. 30c.

## Nasturtium

Annual. If sown early in fall will bloom until heavy frost.

DWARF MIXED. Pkt. 10c; oz. 20c.  
TALL MIXED. Pkt. 10c; oz. 20c.  
GOLDEN GLEAM. Double sweet scented. Pkt. 25c.  
GLEAM HYBRIDS. Scarlet gleam. See Page 19.

## Nemesia

Hardy annual. Splendid fall, winter and spring blooming plants. Many wonderful and beautiful color combinations. A quick grower. Splendid bedding flower.

STRUMOSA SUTTONI. Mixed colors. Pkt. 25c.  
COMPACTA TYPES—8-12 inches  
Aurora. Carmine, white lip. Pkt. 25c.  
Blue Gem. Forget-me-not blue. Pkt. 25c.  
Fire King. Bright scarlet. Pkt. 25c.  
Nana Compacta Triumph Mixed. Pkt. 25c.

## Nemophila

Hardy annual. Height 6 inches. Earliest native wild flower. Splendid for sowing in bulb beds.

INSIGNIS (Baby Blue Eyes). Sky blue. Pkt. 10c; oz. 25c.  
MIXED COLORS. Pkt. 10c; oz. 25c.

## Gerbera

(Transvaal Daisy)

Large daisy-like flowers, with colors ranging through crimson, rose, pink, lilac, yellow and white. Under suitable conditions seed will germinate easily. See page 27 for best method of sowing. Pkt. 20c.

## Hunnemannia

(Mexican Tulp Poppy)

Tender perennial. The best cutting poppy. Long flowering season. Bright lemon-yellow cup-shaped flower. Will bloom early in spring if sown in fall. Pkt. 15c.  
SUNLITE. Pkt. 25c.

## Layia

ELEGANS "Tidy-Tips." Annual California native. A pretty yellow daisy edged cream. Ht. 1-2 feet. Pkt. 10c.

## Linum

SCARLET FLAX. Hardy annual; beautiful little flower. Height 1½ ft. Splendid for bedding. Pkt. 10c; oz. 40c.  
BLUE FLAX. Perennial. Light blue flowers. Pkt. 10c.

## Lupine

California native flowers. A great favorite. Should be planted in fall for early flowers.

DARK BLUE. Annual. Pkt. 10c; oz. 30c.  
SKY BLUE. Annual. Pkt. 10c; oz. 30c.  
MIXED. Annual. Pkt. 10c; oz. 30c.  
HARTWEGI GIANTS MIXED (New). Pkt. 25c.  
PERENNIAL. Mixed. Pkt. 15c; ½ oz. 45c.

## Marigold (French)

Hardy annual. One of the best fall and winter flowers.

### Tall French

TALL FRENCH MIXED. Pkt. 10c; ¼ oz. 25c  
ROYAL SCOT. Pkt. 20c.

### Dwarf French

GOLDEN BALL. Double golden yellow flowers. One of the finest border plants. Pkt. 10c; ¼ oz. 25c.  
LEGION OF HONOR. Brown and gold. Pkt. 10c; ¼ oz. 25c.  
DOUBLE DARK BROWN. Pkt. 10c; ¼ oz. 25c.  
ELECTRIC LIGHT. Double form of Legion of Honor. Pkt. 10c; ¼ oz. 25c.  
DWARF FRENCH MIXED. Pkt. 10c; oz. 45c.



Gerbera, A & M Hybrids

## A & M Pansies

Pansies thrive best in a moist sunny location and in rich, loamy soil. Seed should be sown in the autumn for early spring blossoms, or can be sown early in the year for good flowers later in the spring. The plants must be transplanted twice in order to get the largest flowers; once from the seed box to a chosen bed, and again to the open garden. This is important for large size pansies; use manure liberally. The blossoms are usually larger in the spring and again in the fall, and while they bloom freely all summer, the blossoms are small during the hot months.

It is much more interesting, satisfactory and inexpensive to grow your own pansies from seed. By so doing you may select and carry out your individual color scheme; you may also select your own types and take advantage of some of the finest varieties of plants of which are not offered for sale.

### A & M Super Maximum

A lovely and distinct strain bearing extra large flowers with long stems that hold them well above the foliage. We introduced this pansy particularly for those who want an extraordinary strain, and we are pleased to recommend them highly. Letters from many friends indicate they are very satisfactory, and our own trials are greatly admired by all who see them. Pkt. 35c; 3 pks. \$1.00.

**A & M ENGLISH GIANT MIXTURE.** Interesting changes frequently occur in Pansy styles and this one is exceptionally beautiful. The flowers are very large and come in fascinating bright color combinations. The characteristic pansy face predominates as well as the blotchy type and all have long stems. Pkt. 35c.

### Swiss Giants

To be sure of the best Swiss Giant Pansies, you should plant the seed and grow your own plants. Mix one-third sand to two-thirds peat moss; add a little sulphur to this and sow the seed. After the seeds have sprouted, keep them slightly moist, but not too wet.

**ALPENGLOW.** Cardinal shades. Pkt. 35c.

**LAKE OF THUN.** Swiss blue. Pkt. 35c.

**SWISS YELLOW.** Golden. Pkt. 25c.

**SWISS GIANTS MIXED.** Pkt. 25c, 1/8 oz. \$1.75.

### A & M Mastodon Pansies

A very popular, beautiful strain of Pansies. They bloom two to four weeks earlier than most strains, produce very large, showy flowers and are exceptionally fine for beds, borders and window or porch boxes.

**ADONIS.** Lovely sky-blue. Pkt. 20c.

**BRONZE MASTODON.** Very large, with all the different shades from burnished brass to gold, with no two flowers exactly alike. Pkt. 20c.

**IMPROVED BEACONSFIELD.** Bluish purple with lavender tinge on upper petals. Pkt. 20c.

**MADAME STEELE.** Elks' purple, of fine form and enormous size. Pkt. 20c.

**PANAMA PACIFIC.** A huge deep yellow, some have the dark center, some without. A beautiful bedding color. Pkt. 20c.

**PARISIAN YELLOW.** Beautiful pure yellow. Pkt. 20c.

**ROSE SHADES.** Rose with white border. Pkt. 20c.

**WHITE MASTODON.** Snow-white with a large center, very large and beautiful. Pkt. 20c.

**MASTODON MIXED.** A wonderful collection of rich, velvety shades, in great variety with fine, long stems. Pkt. 15c; 1/8 oz. \$1.25.

### A & M Giant French Pansies

Where masses of distinct colors are desired A & M Giant Pansies will prove of great value.

**AURORA.** Pure white. Pkt. 10c.

**AZURE BLUE.** Pale blue. Pkt. 10c.

**EROS.** Velvety brown with yellow margin. Pkt. 10c.

**GOLDEN QUEEN.** Pleasing golden center. Pkt. 10c.

**KING OF THE BLACKS.** Velvety black. Pkt. 10c.

**LORD BEACONSFIELD.** Purple-violet. Pkt. 10c.

**MADAME PERRET.** The lower petals are pale with rich rose color markings. Pkt. 10c.

**PRINCE HENRY.** Darkest blue, very large beautiful flower. Pkt. 10c.

**RUBY RED.** Very large blooms in striking red shades. Pkt. 10c.

Collection of the Above Nine Varieties for 75c.

**A & M GIANT FRENCH MIXED.** A very showy mixture of vigorous compact growth. Fine bedding strain. Pkt. 10c; 1/2 oz. 75c.

### Painted Daisy

(Annual Chrysanthemum)

Hardy annuals. Fine fall, winter and early spring bloomer. Very decorative, easy to grow. Especially recommended.

Special Collection of One Packet Each of Seven Colors, 50c.

**SINGLE MIXED.** Pkt. 10c; oz. 50c.

### Phacelia

**CAMPANULARIA.** Very showy annual; gentian blue bell-shaped flowers. Makes charming pot plant; is effective for edging; 8 inches. Pkt. 15c.

**TANACETIFOLIA.** Grows to a height of about 18 in., producing large compact heads of pale mauve flowers. Pkt. 10c.

### Physostegia

**SPECIOSA** (False Dragonhead). Hardy perennial. 4 to 5 feet. Pink shades. Pkt. 25c.

### Pentstemon

Hardy perennial. Large spikes of beautiful gloxinia-shaped flowers. Seed sown in the fall will commence blooming early in spring and continues most of the year.

**GLOXINIODES, SENSATION.** Lg. flowered; mixed. Pkt. 15c.

**MINIATURE HYBRIDS MIXED.** A range of beautiful colors; particularly fine for cutting. Pkt. 15c.

### Polemonium

**COERULEUM** (Jacob's Ladder). Bell-shaped blue flower. Perennial. 2 feet. Pkt. 10c.



Pansy, Super Maximum

## A & M Poppies

The different varieties of Poppies are always favorites for outdoor display and the cultivation of them being so extremely simple entitles them to a place in every garden. Seed should be sown where the plants are intended to flower, because it is difficult to transplant them with any measure of success.

### Single Annual Shirley

A & M SHIRLEY MIXED. Pkt. 10c; oz. 30c.  
FLANDERS POPPY. Pkt. 10c; 1/4 oz. 25c.  
TULIP POPPY. Pkt. 10c; 1/4 oz. 25c.

### Double Annual Poppies

A & M GIANT EBELLE SALMON (New). Pkt. 15c; 1/4 oz. 35c.  
A & M GIANT EBELLE WHITE (New). Pkt. 15c; 1/4 oz. 35c.  
ELDORADO DOUBLE SHIRLEY. Mixed. Pkt. 10c.  
CARNATION FLOWERED DOUBLE. Mixed. Pkt. 10c.

### Perennial Poppies

ORIENTAL HYBRIDS. Mixed. Pkt. 15c.  
ICELAND SINGLE. Mixed. Pkt. 10c.  
ICELAND DOUBLE. Mixed. Pkt. 25c.  
SANDFORD'S GIANTS MIXED. Pkt. 25c.  
EL MONTE. Tangerine orange. Pkt. 25c.

## Primula

Primulas are easily grown from seed and make splendid pot plants. Also wonderful for mass effects in shady places.

CHINESE FRINGED. Mixed. Pkt. 25c.  
OBCONICA GRANDIFLORA. Mixed. Pkt. 25c.  
MALACOIDES. "Baby Primrose." Pkt. 20c.  
VERIS, POLYANTHUS. Mixed. Pkt. 20c.  
AURICULA. Fine Mixed. Pkt. 20c.  
VULGARIS. Yellow English primrose. Pkt. 20c.

## Pyrethrum

Hardy perennials which are easily grown and make handsome plants. Valuable as cut flowers. Height 2 feet.  
HYBRIDUM ROSEUM. Single mixed. Pkt. 10c.

HYBRIDUM ROSEUM. Double mixed. Pkt. 25c.  
GOLDEN FEATHER. For edgings. Height 9 inches. Pkt. 10c.

## Ranunculus

GIANT FRENCH MIXED. This very popular flower may be grown readily from seed though home gardeners have usually grown them from bulbs. Seed should be sown in good sandy loam, covered lightly with sand and kept moist. May be planted from

early fall and late spring and will flower the first season from seed. Our mixture is a very fine semi-double strain and contains a splendid range of colors. Pkt. 25c.

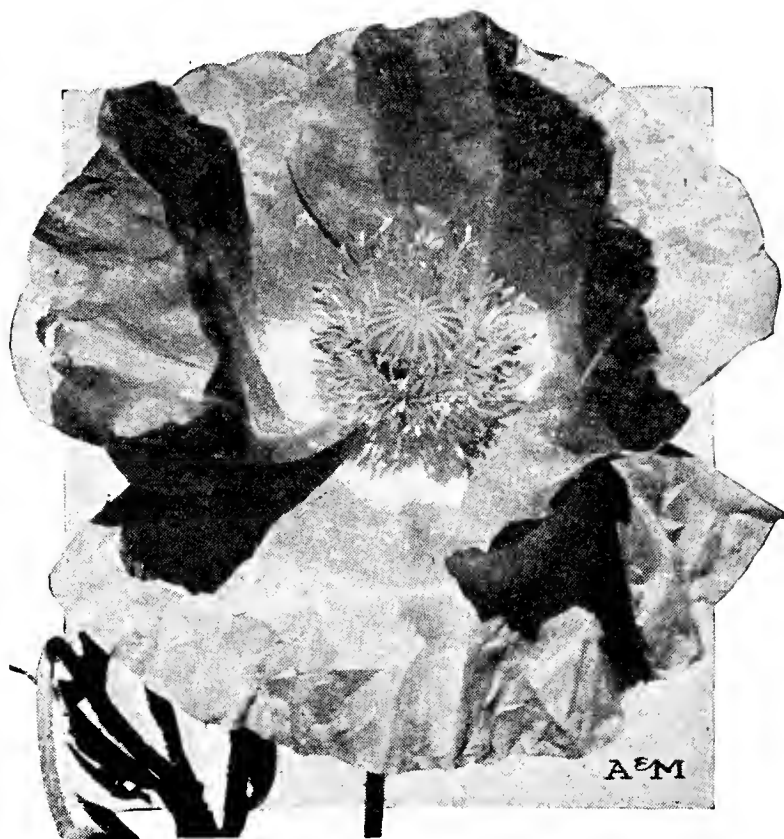
## Rhodanthe

MACULATA ROSEA. One of the most attractive everlasting flowers; they hang like little bells on stems and make a pleasing and dainty cut flower, either fresh or dried. Pkt. 10c.

## Schizanthus

(Orchid Flower)

A dainty annual. The plant is a bouquet by itself.  
GRANDIFLORA MIXED. Pkt. 25c.  
WISSETONENSIS EXCELSIOR. Height 1 foot. Pkt. 25c.



Single Shirley Poppy

## Statice

SINUATA. Everlasting. Fine for cutting. May be dried as permanent bouquets. Keep seed moist until germinated. Bright Yellow, White, Blue, Rose and Mixed. Each, Pkt. 10c.

LATIFOLIA. Produces large spikes of very small, lavender flowers. Used in bouquets as a filler. Perennial and everlasting. Pkt. 10c.

CASPIA. Flowers are similar to Statice latifolia, but a little larger. Pkt. 10c.

PEREZII. A very fine specimen plant, often grown in shrubberies. Flowers are blue and attain a height of 2 feet. Hardy perennial. Pkt. 10c.

## Scabiosa

(Mourning Bride)

### Annual Varieties

A garden favorite of easy culture, blooming in about four months from planting. Height 3 to 4 feet.

GIANT LOVELINESS (New). Soft salmon shades. Pkt. 15c.  
SHASTA. Giant improved white. Pkt. 10c.  
PEACH BLOSSOM. Giant pink. Pkt. 10c.  
AGERATUM. Blue. Pkt. 10c.  
AZURE FAIRY. Lavender-pink. Pkt. 10c.  
BLACK PRINCE. Deep red. Pkt. 10c.  
FIERY SCARLET. Pkt. 10c.  
FLESH PINK. Pkt. 10c.  
ROSE. Pkt. 10c.  
YELLOW. Light yellow. Pkt. 10c.  
MIXED. Pkt. 10c; 1/4 oz. 25c.

### Perennial Varieties

Highly decorative and invaluable for cutting.

ISAAC HOUSE HYBRIDS. Lilac and mauve shades, ruffled petals. Pkt. 20c.  
COLUMBARIA PINK. Pkt. 15c.  
COLUMBARIA LAVENDER. Pkt. 15c.  
CAUCASICA. Soft heliotrope. Pkt. 15c.

## Sweet William

A hardy perennial, grows 1 to 2 feet high. Very good for cutting or bedding.

PINK BEAUTY. Pkt. 10c.  
SCARLET BEAUTY. Pkt. 10c.  
SINGLE MIXED. Very attractive. Pkt. 10c.  
DOUBLE MIXED. Pkt. 10c; 1/4 oz. 35c.  
ANNUAL SINGLE MIXED. A fine mixture blooming the first year from seed. Pkt. 10c; 1/4 oz. 50c.

## Sweet Wivelsfield

Remarkable new Dianthus hybrid. Produces a great variety of color over a long blooming season. Pkt. 20c.



Sweet William—Single



# California Grown Sweet Peas

Ask for Sweet Pea Culture Bulletin No. 11

A & M SUPERFLORA SWEET PEAS are noted for the extraordinary substance of the blooms and on this account are preferred above all others by the large commercial growers of cut flowers. They are EARLY FLOWERING and come into bloom at least one month earlier than the Late or Standard Spencer. For this reason they are particularly suitable for sowing in August and September for early fall and Christmas blooming. However, the planting season in California extends from August 1st until January with a resultant wealth of bloom throughout the spring and early summer.

FOR BEST RESULTS INOCULATE SWEET PEA SEED BEFORE SOWING WITH McQUEEN'S INOCULATOR. Pkt. 15c.

## A & M Superflora Sweet Peas Three Outstanding Introductions

**ROSITA.** A splendid new introduction possessing many good qualities. Color glowing deep rose, suffused amber. Large flowers and long stiff stems; strong grower. Pkt. 25c.

**SUSANNA.** A fine new sweet pea of a rich brilliant Christmas red. Large ruffled flowers on long stems. It is different from all other early reds and we predict that it will be a great favorite for winter gardens. Pkt. 25c.

**FRAGRANCE.** A beautiful clear lavender. Flowers are very large and the wings are slightly ruffled. Good stem; strong grower. Pkt. 25c.

Collection 48-F. One packet each of above three varieties, 65c.

## New and Distinctive Varieties

**A & M GLOW.** Glorious new duplex Sweet Pea in a resplendent bright rose color. The flowers are phenomenally large, daintily frilled and usually borne four to the stem. Very vigorous grower. Pkt. 20c.

**APOLLO.** Soft appealing shade of salmon cerise. The flowers are unusually large, nicely waved and carried on stems of exceptional length. Pkt. 20c.

**BLUE BONNET.** An extra large, fine deep blue without the slightest trace of mauve. It has long stems with four blossoms to the stem. Pkt. 20c.

**GREETING.** A new and very pretty long-stemmed lavender. Slightly deeper than Fragrance. Pkt. 20c.

**HOPE.** Pure white and one of the latest improvements. Very fine flower and stem. Pkt. 20c.

**LADDIE.** One of the largest of rose-pink varieties. Pkt. 20c.

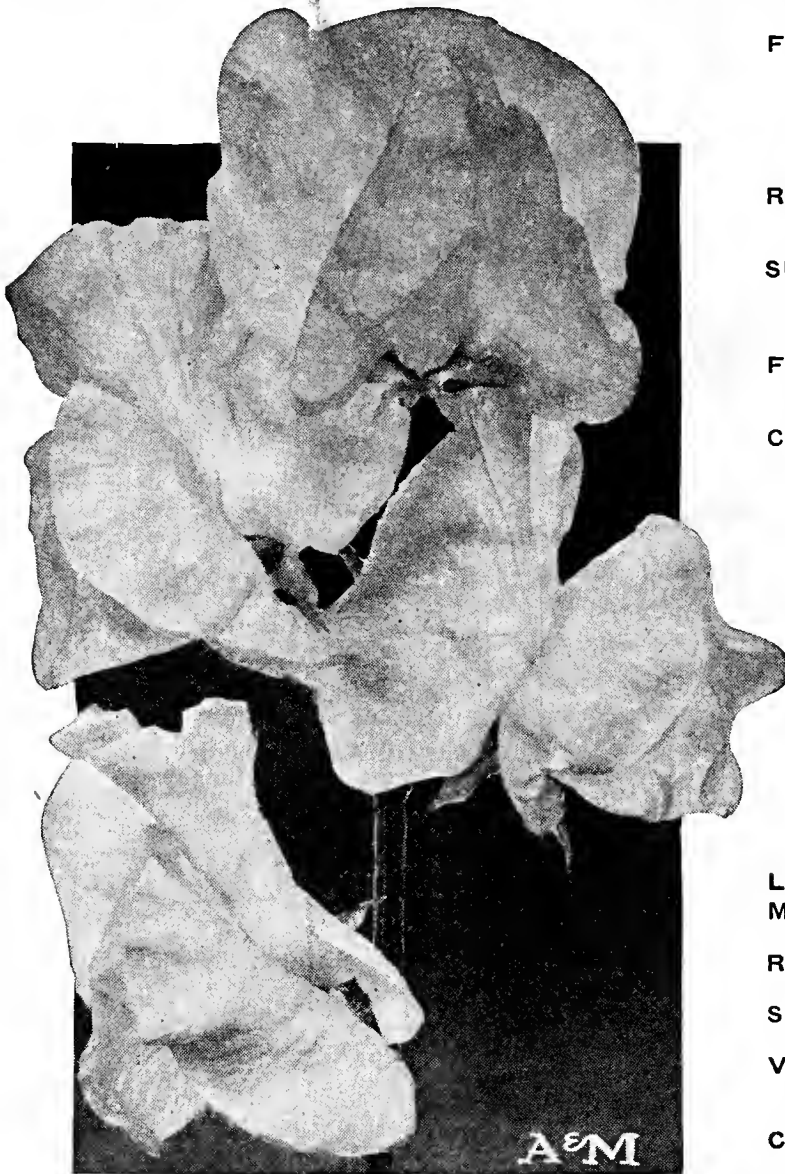
**MISS ANNIE LAURIE.** Rich rose pink, slightly deeper than others in this shade zone. Good flowers and stems. Pkt. 20c.

**ROMANCE.** Sparkling salmon-rose color; large flowers and fine stems. Pkt. 20c.

**SUPER ROSE.** Rich rose pink on white ground. Deeper than other rose colored varieties. Large flowers, long stem. Pkt. 20c.

**VALENCIA.** Bright sunproof orange of soft tone. Has immense vigor in growth of good length of stems and bears fine large blooms. Pkt. 20c.

**COLLECTION 46-F.** One packet each of six of the above new distinctive varieties (your selection) for \$1.00.



## General List

**AMETHYST.** Light purple. Very fine. Pkt. 15c; 1/2 oz. 35c.

**BLUE BIRD.** Violet blue. Extra large and one of the finest. Pkt. 15c; 1/2 oz. 35c.

**BRIGHT LIGHT.** Flaming scarlet. Pkt. 15c; 1/2 oz. 35c.

**COLUMBIA.** Salmon rose with white wings. Pkt. 15c; 1/2 oz. 35c.

**EARLY DUPLEX GEM.** Dainty rose pink on cream ground. Pkt. 15c; 1/2 oz. 35c.

**GIANT LILAC.** Mammoth lilac mauve; distinct color. Pkt. 15c; 1/2 oz. 35c.

**GLITTERS.** Cerise. One of the most popular for all purposes. Pkt. 15c; 1/2 oz. 35c.

**GRENADE.** Dazzling scarlet. New and extra fine. Pkt. 15c; 1/2 oz. 35c.

**HARMONY.** Finest lavender to date. Strong grower, extra large flowers, exceedingly long stems. Pkt. 15c; 1/2 oz. 35c.

**HERCULES.** Florist pink. Extra large, strong grower, fine stem. Pkt. 15c; 1/2 oz. 35c.

**ILLUMINATION.** Salmon cerise. A popular favorite. Good. Pkt. 15c; 1/2 oz. 35c.

**LOS ANGELES.** Brilliant rose pink. Pkt. 15c; 1/2 oz. 35c.

**MICHIGAN.** Giant lavender. Pkt. 15c; 1/2 oz. 35c.

**MRS. CALVIN COOLIDGE.** Fine rich salmon pink. Pkt. 15c; 1/2 oz. 35c.

**NEW BLUE.** A splendid blue. Pkt. 15c; 1/2 oz. 35c.

**ORIENTAL.** Large deep clear cream on long stems. Pkt. 15c; 1/2 oz. 35c.

**OTHELLO.** Maroon. Strong grower, large flowers and good long stem. Pkt. 15c; 1/2 oz. 35c.

**PERFECTION.** Rose. Good strong grower with fine flower and stem. Pkt. 15c; 1/2 oz. 35c.

**SNOWSTORM.** Improved pure white. Pkt. 15c; 1/2 oz. 35c.

**SPRINGSONG.** Light rose suffused salmon. Pkt. 15c; 1/2 oz. 35c.

**SUNRAY.** Glowing cerise. A glorious color and a lovely sweet pea. Pkt. 15c; 1/2 oz. 35c.

**THE BEAUTY.** Fiery rose. No other color just like this one. Pkt. 15c; 1/2 oz. 35c.

**TORCH.** Salmon orange. A fine sweet pea in every way. Pkt. 15c; 1/2 oz. 35c.

**VULCAN.** Vivid scarlet. A flower with some life to it. Glittering. Pkt. 15c; 1/2 oz. 35c.

**WHITE HARMONY.** Dainty white; black seeded. Pkt. 15c; 1/2 oz. 35c.

**WHITE ROSE.** Large pure white; long stem. Pkt. 15c; 1/2 oz. 35c.

**ZVOLANEK'S ORANGE.** Medium orange. Pkt. 15c; 1/2 oz. 35c.

**ZVOLANEK'S ROSE.** Giant rose pink, vigorous, extra large flowers and exceedingly long stems. Pkt. 15c; 1/2 oz. 35c.

**A & M SUPERFLORA MIXED.** A well balanced mixture of many fine varieties including some of the late introductions and improved strains. Plant 1 ounce to a 30-foot row. 1/4 oz. 20c; 1/2 oz. 30c; oz. 45c; 1/4 lb. \$1.35; lb. \$4.50.

## Rainbow Collection 65c

6 Packets of A & M Superflora and 1 Packet McQueen's Inoculator. 1 packet each—Harmony, Illumination, New Blue, Vulcan, White Harmony, Zvolanek's Rose. \$1.05 value for 65c. (See inside front cover.)

**EARLY FLOWERING SPENCER MIXED.** Pkt. 10c.

## A & M Stocks

Stocks are one of our most fragrant winter and early spring garden plants. A few plants of these in bloom will fill the garden with sweet perfume, and the branching varieties that we offer make it possible to cut flowers for the house without destroying the beauty of the plant.

Plant the seed in flats, covering with leaf mold or other light material to the depth of about twice the breadth of the seed itself. Plant the seeds thin enough that the plants may be removed with a little soil on the root system and transplant them to the garden when the second or third set of leaves appear.

Planted in double rows about 22 inches apart and the plants 12 to 15 inches apart in the row, they will support each other and produce a mass of very fine blooms. In transplanting take the plants as they come, large and small, to insure getting an average percentage of doubles.

## A & M Bismarck

This wonderful strain of Stocks is of branching habit, making it possible to break long branches of flowers from the main stalk without injuring or destroying the beauty of the plant.

ANTIQUE COPPER. Hellebore red. Pkt. 20c.  
APPLE BLOSSOM. Blush. Pkt. 20c.  
BUTTERCUP. Pkt. 25c.  
CHAMOIS. Ivory tinted rose. Pkt. 20c.  
DARK BLUE. Near purple. Pkt. 20c.  
FIERY BLOOD RED. Bright red. Pkt. 20c.  
GOLDEN BALL. Light yellow. Pkt. 20c.  
GOLDEN ROSE. Light golden rose. Pkt. 20c.  
LAVENDER. Light lavender. Pkt. 20c.  
LILAC. Dark lavender. Pkt. 20c.  
OLD ROSE. Pkt. 20c.  
PURPLE KING. Dark purple. Pkt. 20c.  
ROSE. Deep rose-pink. Pkt. 20c.  
SHASTA. Pkt. 25c.  
WHITE. Pure white. Pkt. 20c.  
A & M BISMARCK MIXED. All colors. Pkt. 20c; 1/8 oz. 65c.

COLLECTION 33-F—  
One packet each of  
six selected sepa-  
rate colors—\$1.00



Stocks, A & M Bismarck

## Perpetual Branching

GIANT PERFECTION. This type is of branching habit with long stems, making it very desirable for cutting. The percentage of double is high. Height 2 feet.

BLOOD RED. Pkt. 10c.  
ROSE PINK. Pkt. 10c.  
LILAC. Pkt. 10c.  
DEEP PURPLE. Pkt. 10c.  
WHITE. Pkt. 10c.  
FLESH PINK. Pkt. 10c.  
HEATHAM BEAUTY. Rose shaded terra cotta. Pkt. 10c.  
COLLECTION 44F. One packet each of the above 7 colors, 55c.  
GIANT PERFECTION MIXED. Pkt. 10c; 1/8 oz. 50c.

## Early Mammoth Branching Nice

This type is excellent for bedding and borders and is splendid for cutting. We offer fine varieties in a choice mixture. Height 18 inches.

GIANT NICE. Finest mixed. Pkt. 15c; 1/8 oz. 50c.

## Ten Weeks Stocks

These should be used strictly for bedding purposes and not for cutting. They make a wonderful showing and are highly satisfactory for this purpose. Mixed. Pkt. 10c; 1/4 oz. 50c.

## Verbenas

These hardy perennials are of trailing habit and are used generally for beds and borders. The flowering season is exceptionally long. The flowers are fragrant and the Hybrid Giant strains make beautiful cut flowers. They do well in sunny locations.

### Hybrida Giants

A fine strain of verbenas with the same characteristics as the mammoth except that each flowerlet in the cluster is much larger. This gives the blooming plant a more brilliant effect.

LAVENDER GLORY (New). True lavender with creamy eye. Immense size. Pkt. 25c.  
CARMINE PINK (New). Pkt. 15c.  
ETNA. Garnet-red, deep cream eye. Pkt. 15c.  
GIANT SALMON PINK. Pkt. 15c.  
LUMINOSA. Flame-pink. Pkt. 15c.  
LUCIFER SCARLET. No eye. Pkt. 15c.  
ROSEA STELLATA. Rose pink with white eyes. Pkt. 15c.  
VIOLEACEA STELLATA. Deep purple with white eyes. Pkt. 15c.  
HYBRIDA GIANT MIXED. Pkt. 15c.

### Verbena Venosa

Hardy perennial, very useful for terrace and rock work. Flowers are a rosy purple. 1 foot. Pkt. 15c.

### Verbena Erinoides

(Moss Verbena)

Spreading foliage with profusion of purple blooms. Does well in hot locations. Pkt. 10c; 1/4 oz. 30c.

### Hybrida Mammoth

GOLDEN QUEEN. Pkt. 15c.  
MAYFLOWER. Pink. Pkt. 15c.  
BLUE. Pkt. 10c.  
DEFIANCE SCARLET. Pkt. 10c.  
PINK. Pkt. 10c.  
PURPLE. Pkt. 10c.  
WHITE. Pkt. 10c.  
MIXED. Pkt. 10c; 1/2 oz. 50c.  
COLLECTION 43F. One packet each of the above six named varieties at 10c, 50c.

### GERMINATING SEEDS IN FLATS

Some seeds such as Gerbera, Delphinium, etc. are a little difficult to germinate under ordinary circumstances, but if the following soil preparation is used a high percentage of germination can be depended upon and the danger of damping-off will be practically eliminated. Take two-thirds peat moss soaked thoroughly in water to one-third coarse sand. Fill the flats with this mixture and firm with a brick or block of wood leaving a smooth surface. Broadcast the seeds on the surface, pressing them lightly into the soil, and cover them with sand only. Cover with burlap and keep in the shade until the seeds have sprouted.

## Viola Cornuta

"Tufted Pansies." The flowers are not so large as regular pansies but bloom so freely that for bedding effect they are unsurpassed. The colors are distinct and they also bloom for a long time.

APRICOT. True apricot. Pkt. 25c.  
ADMIRATION. Violet-blue. Pkt. 15c.  
MAUVE QUEEN. Pkt. 15c.  
ROSE QUEEN. Pkt. 15c.  
BLUE PERFECTION. Deep bright blue. Pkt. 15c.  
WHITE PERFECTION. Pkt. 15c.  
PURPLE. Pkt. 15c.  
PAPILIO. Light blue. Pkt. 15c.  
YELLOW. Pkt. 15c.  
MIXED. Pkt. 10c; 1/4 oz. 60c.

## Wallflower

Delightfully fragrant flowers growing in spikes similar to stocks.

SINGLE ANNUAL MIXED. Pkt. 10c.

## Xeranthemum

DOUBLE MIXED. One of the most attractive and satisfactory everlasting flowers. The flowers are white, purple, yellow and rose and are pretty in the garden or dried. Plant in the open ground in a sunny situation. Pkt. 10c.

## Wildflower Mixture

See page 2

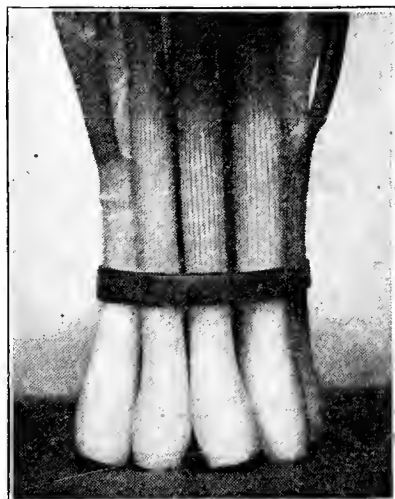
# Vegetables for Fall Planting



## A & M EARLY WINNIGSTADT

Introduced by us in 1896. As a winter crop it is in great demand. It is popular because it is early, solid, good flavor, sure header and good shipper. The small heads are particularly desirable for home use, making it a most satisfactory home garden variety. Pkt. 5c; oz. 25c; ¼ lb. 85c; lb. \$2.50 postpaid.

	Postpaid	
	Pkt.	Oz.
<b>A &amp; M ASPARAGUS</b>		
Mary Washington .....	\$ .05	\$ .20
Argenteuil .....	.05	.15
Palmetto .....	.05	.15
<b>A &amp; M BEETS</b>		
Early Flat Egyptian .....	.05	.15
Early Blood Turnip .....	.05	.15
Early Wonder .....	.05	.15
Detroit Dark Red .....	.05	.15
<b>A &amp; M BROCCOLI</b>		
St. Valentine .....	.05	1.50
Italian Sprouting .....	.05	.80
<b>A &amp; M BRUSSELS SPROUTS</b> .....	.05	.30
<b>A &amp; M CABBAGE</b>		
A & M Winnigstadt .....	.05	.30
Copenhagen Market .....	.05	.40
Cannon Ball .....	.05	.40
Early Flat Dutch .....	.05	.30
Drumhead Savoy .....	.05	.35
A & M Golden Acre .....	.05	.50
Red Dutch .....	.05	.35
<b>CHINESE CABBAGE</b> .....	.05	.50
<b>A &amp; M CARROTS</b>		
Chantenay .....	.05	.15
Danvers Half Long .....	.05	.15
Imperator .....	.05	.15
Oxheart .....	.05	.15
<b>A &amp; M COLLARDS</b>		
Southern Georgia .....	.10	.20
<b>A &amp; M ENDIVE</b>		
Green Curled Golden Heart .....	.05	.15
Batavian or Escarolle .....	.05	.15
<b>FLORENCE FENNEL</b> .....	.05	.20
<b>A &amp; M HERBS</b> —Anise, Sweet Basil, Borage, Catnip, Dill, Chervil, Lavender, Sweet Marjoram, Rosemary, Sorrel, Sage, Summer Savory, Thyme. Each 5c.		



## A & M BUNCHING ONION

For bunching onions sow 10 lbs. seed per acre or ¼ lb. to a 100-foot row.

Many think any white onion will do for a bunching onion, but this is not true. Our growers for fancy trade have learned that we have the best strain of seed for this purpose, and our sales amount to thousands of lbs. each year. Picture shows a sample of what our seeds produce. They are just the right shape. Pkt. 5c; oz. 25c; ¼ lb. 85c; lb. \$2.50 postpaid.

	Postpaid	
	Pkt.	Oz.
<b>A &amp; M KALE</b>		
Tall Green Curled Scotch .....	\$ .05	\$ .15
Jersey .....	.05	.15
<b>A &amp; M KOHL-RABI</b>		
Early White Vienna .....	.05	.30
Early Purple Vienna .....	.05	.30
<b>A &amp; M LEEK</b> .....	.05	.35
<b>A &amp; M LETTUE</b>		
Los Angeles Market .....	.05	.20
Paris White Cos .....	.05	.20
Chicken Lettuce .....	.05	.15
<b>A &amp; M MUSTARD</b>		
Southern Giant Curled .....	.05	.15
Ostrich Plume .....	.05	.15
Chinese Green .....	.05	.40
<b>A &amp; M ONIONS</b>		
Yellow Bermuda Early .....	.05	.25
Crystal Wax, Early .....	.05	.30
New Queen, Early .....	.05	.30
Riverside Sweet Spanish .....	.05	.35
White Sweet Spanish .....	.05	.40
Australian Brown .....	.05	.20
White Portugal or Silverskin .....	.05	.25
Bunching .....	.05	.25
Southport White Globe .....	.05	.25



Spinach Prickly Seeded Winter

**PRICKLY SEEDED WINTER**—This variety thrives best in the coldest weather. Our strain is the highest type possible and the seed we are offering has proven very satisfactory, especially to market gardeners, as it produces wide thick leaves of dark green color. Pkt. 5c; oz. 15c; lb. 60c; 5 lbs \$2.75 postpaid.

	Pkt.		Oz.	
<b>A &amp; M TURNIPS</b>				
Purple Top Globe .....	.05	.15		
Snowball .....	.05	.15		
Purple Top Rutabaga .....	.05	.15		
<b>A &amp; M PEAS</b>	4 ozs.	1 lb.		
Admiral or Senator .....	.15	.35		
Alderman .....	.15	.35		
American Wonder .....	.15	.35		
Dwarf Telephone .....	.15	.35		
Hundredfold .....	.15	.35		
Laxtonian .....	.15	.35		
Laxton's Progress .....	.15	.35		
Special Dwarf Telephone .....	.15	.40		
Stratagem .....	.15	.35		
Tall Telephone .....	.15	.35		
Yorkshire Hero .....	.15	.35		
<b>A &amp; M POTATOES</b> —White Rose, Early Red Rose, British Queen. Ready in December. Write for prices.				
<b>A &amp; M PEPPERS</b>				
Anaheim Chili .....	.05	.60		
Cayenne .....	.05	.70		
A & M California Wonder .....	.05	.80		
A & M Chinese Giant .....	.05	.65		
A & M Pimento .....	.05	.45		
Floral Gem .....	.05	.75		
<b>A &amp; M RADISHES</b>				
Crimson Giant .....	.05	.15		
French Breakfast .....	.05	.15		
White Tipped Scarlet .....	.05	.15		
Long White Icicle .....	.05	.15		
Early Long Scarlet .....	.05	.15		
Early Scarlet Globe .....	.05	.15		
Early Scarlet Turnip .....	.05	.15		
<b>A &amp; M RUTABAGA</b> —Purple Top .....	.05	.15		
<b>A &amp; M SPINACH</b>				
Prickly Seeded Winter .....	.05	.15		
New Zealand .....	.05	.15		
<b>A &amp; M SWISS CHARD</b>				
Lucullus .....	.05	.15		
White Swiss .....	.05	.15		



# A & M Lawn Grass Seeds

For Private Lawns, Country Clubs, Golf Links and Public Parks

The lawn is the finishing touch of the home and once planted it remains indefinitely, therefore, it is important that the proper selection of seed be made in the beginning and thus avoid disappointment. Pure seed of good germination is important and freedom from weed seeds is necessary for best results. A & M lawn seeds and mixtures are cleaned thoroughly and are tested for purity and germination. When you plant A & M Lawn Grass Seed you are planting the best that the market affords. Write for Lawn Circular No. 18.



Many of the Beautiful Lawns of California Are Grown from A & M Reliable Seed. A & M Velvet Lawn Mixture Is Put Up in Sealed Bags for Your Protection

## A & M Velvet Lawn Grass

Has been used for many years throughout the Southwest with highly satisfactory results. It is a blending of grasses best suited to the variation of temperatures to which the lawn is subjected during the twelve months' period and contains the proper proportion of the best, fine-bladed grasses and white clover. If you are having your lawn planted by a landscape gardener, insist that he use A & M Velvet Lawn Grass. It requires 1 pound of A & M Velvet Lawn Grass Seed to plant a space 10 x 20 feet, or 200 square feet. This is the least that should be used and a heavier seeding will give quicker results. 1-lb. carton 80c; 5-lb. bag \$3.75; 10-lb. bag \$7.30, postpaid.

## A & M Shady Lawn Grass

In planting a lawn under trees or on the north side of the house it is often difficult to obtain a satisfactory growth of grass. A & M Shady Lawn Grass, however, is a mixture of fine-bladed grasses especially blended for such places and will produce an even growth of beautiful grass wherever there is considerable shade. 1 lb. 80c; 5 lbs. \$3.75; 10 lbs. \$7.30, postpaid.

## A & M Fancy Recleaned Kentucky Blue Grass

Every bag of our Kentucky Blue Grass Seed is tested for purity and germination. There is positively no guess-work

about it. You know when you buy A & M Kentucky Blue Grass Seed that it is high grade in every respect. 1 lb. 55c; 10 lbs. \$5.40, postpaid. Write for quantity prices.

## A & M White Clover

There are many grades of White Clover Seed and A & M is always the best one. We invite comparison of samples, for when they are examined side by side it is very easy to note the difference in quality. A & M White Clover is tested for purity and germination the same as our Kentucky Blue Grass. It may be used to good advantage in reseeding Bermuda Grass Lawns in the fall of the year. 1 lb. 55c; 10 lbs. \$5.40, postpaid. Write for quantity prices.

## Seaside Bent Grass

(Agrostis Maritima)

Several varieties of Bent Grass are now on the market, but from many comparisons we consider the strain we offer to be the best for California and similar climates. 1 lb. \$1.75, postpaid.

ASTORIA BENT GRASS. 1 lb. \$1.75.

AUSTRALIAN RYE GRASS. 1 lb. 35c; 10 lbs. \$3.40.

PACEY'S RYE GRASS. 1 lb. 40c; 10 lbs. \$3.90.

ITALIAN RYE GRASS, DOMESTIC. 1 lb. 20c; 10 lbs. \$1.90.

RED TOP GRASS. 1 lb. 40c; 10 lbs. \$3.90.

BERMUDA GRASS. 1 lb. 40c; 10 lbs. \$3.90.

POSTPAID.

## A & M Velvet Plant Food

Used Everywhere with Best Results

Every California gardener should fully realize the necessity for fertilizing. Most growers are inclined to use too small an amount of fertilizer and particularly since it is somewhat difficult to secure barnyard fertilizer, there is too often a tendency to forget the matter entirely. This is a mistake and will often cause disappointment, not only in the lawn, but in the garden as well. A & M Velvet Plant Food will give you very satisfactory results and for the new lawn it should be used at the rate of about 100 lbs. to 1,500 square feet and should be raked in before planting. This should be done several days in advance of seeding. For an established lawn broadcast evenly at the rate of 4 to 6 lbs. per 100 square feet and water thoroughly immediately after applying. For roses, use about ½ to 1 lb. per bush, depending upon the size of the bush; for trees and shrubs use a larger quantity. It will be found beneficial to all plant life and the results are quick and lasting. It is odorless and well balanced for general purposes. 25-lb. sack \$1.15; 50 lbs. \$2.00; 100 lbs. \$3.50, f. o. b. Los Angeles.

Poisons  
 Can Now Be  
 Mailed

# Insecticides and Fungicides

 Poisons  
 Can Now Be  
 Mailed

## ACME ALL ROUND SPRAY



This combination spray fills a long felt want in the vital combat against garden pests. The preparation includes Arsenate of Lead for chewing or leaf-eating insects, Bordeaux Mixture for blight and fungus diseases, and thirdly, Nicotine Sulphate 40% for aphids and other sucking insects. The Arsenate of Lead and Bordeaux Mixture are mixed in powder form and the Nicotine Sulphate is contained in a small bottle. The whole preparation is packed in a handsome lithographed tin and a complete set of instructions with spray chart is enclosed in each package. 1/4 lb. tin 35c; 1 lb. tin 80c; f.o.b. Los Angeles.

## ACME GARDEN GUARD (Non-Poisonous)



A convenient, practical and economical all round garden insecticide. It is made from Derris root and is very effective in combatting the majority of chewing insects, as well as many soft-bodied sucking insects. Can be used with great effect on squash bugs, cucumber beetles and red spider, as well as cockroaches. Should be used on green vegetable crops in place of Arsenate of Lead. 1-lb. ctn. 35c; 4-lb. bag 80c; 25-lb. bag \$4, f.o.b. Los Angeles. May be mailed.

## ACME DRY LIME-SULPHUR



An invaluable spray for the control of fungous diseases such as peach leaf curl, mildew, peach twig borer, pear scab, and many other ailments common to deciduous fruit trees. Is also used extensively for the control of red spider, San Jose and other scale. In the control of mildew on roses spray them in January with Dry Lime-Sulphur and it will assist materially in preventing this fungous disease. For peach leaf curl, spray the tree in December and again in the spring when the buds begin to show color. For best results it will be necessary to use a good spray pump as listed on next page. For deciduous fruit trees use 10 to 12 tablespoons Dry Lime-Sulphur to 1 gallon of water. For citrus trees or other evergreens, 3 tablespoons to 1 gallon of water. Full directions on package. 1-lb. package 35c; 5-lb. package \$1.25, f.o.b. Los Angeles. Ask for prices on larger quantities.

## ACME BORDEAUX MIXTURE



For the control of diseases such as celery blight, apple black rot, pear scab, etc. Young Sweet Peas, also Chrysanthemums and other plants are greatly benefited by spraying with Bordeaux. Mix 12 to 15 level tablespoons of Bordeaux Mixture in 1 gallon of water. For field and orchard spraying mix 6 lbs. to 50 gallons of water for a 3-50 mixture. 1-lb. package 30c; 4-lb. package 65c; 8-lb. package \$1.25, f.o.b. Los Angeles.

## KALOIL



A NON-POISONOUS pyrethrum insecticide which has its own patented sulfonated oil spreader and mixes readily with any water at all temperatures without requiring soap or special preparation. Kaloil is always free flowing and is effective at all temperatures. The patented oil spreader energizes the pyrethrum, making it much more efficient, and allowing higher dilutions which makes Kaloil economical to use. Kaloil is especially effective in the elimination of such sucking insects as aphids, thrips, mites, mealy bugs and squash bugs. 1 1/2 ozs. makes 9 gallons of spray. 1 1/2 oz. can 35c; 6 oz. can \$1.00; 32-oz. can \$3.50; 1-gal. can \$11.75 f.o.b. Los Angeles.

## KALO SPRAY

A non-arsenical spray containing a specially prepared sodium aluminum fluoride, which makes a spray that mixes easier with water and covers much better than old fashioned sprays. It is used whenever a wet spray is desired and is especially efficient for worms on fruit such as codling moth. Mix 2 lbs. to 50 gals. of water. 1/2-lb. can 35c f.o.b. Los Angeles.

## KALITE

A quick killing non-arsenical dust which comes all ready for use. Kalite is used for chewing insects whenever dusting is required. 1 lb. 35c; 5 lbs. \$1.50 f. o. b. Los Angeles. Can be mailed.

## EVER GREEN

### KILLS ANTS AND GARDEN INSECTS

EVER GREEN is recommended for use against both sucking and chewing insects such as plant lice, cabbage worms, cut worms, thrips, cucumber beetle, rose chafer, red spider, mealy bugs. Harmless to humans, animals and birds; kills only insects.

1 oz. makes 6 gals. spray.....\$ .35  
 6 ozs. makes 38 gals. spray..... 1.00  
 16 ozs. makes 100 gals. spray.... 2.00  
 f. o. b. Los Angeles



## GARDEN VOLCK

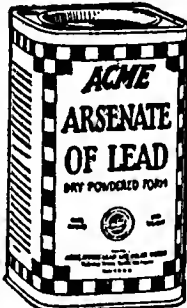
Contains nicotine and soap. A complete spray for home gardener, controlling mealy bugs, scale, aphids, thrip and red spider. 3 1/2 oz. 35c; pint \$1.00; quart \$1.50; gallon \$4.00. Can be mailed.



## NURSERY VOLCK

Highest quality oil spray for use on foliage to control scale, mealy bugs, red spider and mites. 1/2 pt. 35c; pt. 55c; qt. 80c; gal. \$2.00; 5 gal. \$6.75. Postage extra.

## ACME ARSENATE OF LEAD



For the control of codling moth, cabbage worms, caterpillars, beetles and all other leaf-eating or chewing insects. In mixing spray material use 3 to 4 heaping tablespoons of Arsenate of Lead to one gallon of water. Sprayed on the most tender plants it will not burn the foliage. For dusting mix thoroughly one part Arsenate of Lead to 5 or 6 parts Hydrated Lime. 1-lb. carton 30c; 4-lb. paper bag 65c, f.o.b. Los Angeles.

## DESTRUXOL



This is one of the finest sprays we know for use against such common garden pests as aphids, thrips, lice, red spider, leaf roller hoppers, mealy bugs and mildew. It contains Nicotine Sulphate, Cyanide, etc., the Cyanide giving off fumes which reach insect life on the under side of the foliage. Destruxol may be used at all seasons with entire safety although the warmer the weather, the greater is the fuming action. There is little chance of burning or checking growth and on roses or other hardy subjects, the solution may be used at double strength. Use 1 large teaspoonful of Destruxol to 1 gallon of water.

1 oz. makes 5 gals. spray.....\$ .40  
 2 ozs. makes 10 gals. spray..... .65  
 4 ozs. makes 25 gals. spray..... .90  
 1/2 pt. makes 50 gals. spray..... 1.50  
 1 pt. makes 100 gals. spray..... 2.15  
 1 qt. makes 200 gals. spray..... 3.75  
 f.o.b. Los Angeles.

## BLACK LEAF 40

A 40 per cent Nicotine solution for the control of plant lice or aphids on roses and other garden plants. Must be applied in vapor form with a spray pump. Black Leaf 40 will kill all aphids or plant lice that are covered with the spray material. Full directions on the package. 1-oz. bottle 35c; 5-oz. bottle \$1.00; 1-lb. bottle \$2.25; 2-lb. tin \$3.25; 5-lb. tin \$5.85; 10-lb. tin \$9.85.

## SEMESAN

A successful seed, plant and soil disinfectant in control of diseases such as "Damping-off" of seedlings. 2-oz. tin 50c; 1-lb. tin \$2.50; 5-lb. tin \$11.75, f.o.b. Los Angeles.



## SEMESAN BEL

Very effective in treatment of Gladiolus and other bulbs. It will control disease and produce healthier plants. 4-oz. tin 50c; 1-lb. tin \$1.75; 5-lb. tin \$8.00, f.o.b. Los Angeles.

## NU-GREEN

Recommended for brown patch control. Will quickly restore diseased grass to normal. 3-oz. tin 50c; 1-lb. tin \$1.75; 5-lb. tin \$8.00.

## Antrol



### Ants Destroyed

The Antrol system is adapted to any size house or garden and quickly destroys all species of sweet eating ants. It is composed of small glass containers and a special formula of syrup. The containers are partially filled with syrup and placed about the outside edges of the house or along "ant" trails in the garden if the infestation occurs there. The ants smell the syrup, eat it and then transmit its mild poison to the queen in the nest. Soon the entire ant colony is destroyed. Prices: Antrol sets containing 4 containers and 4-oz. bottle of syrup 75c; Antrol extra containers, ea. 10c; Antrol Syrup, 4-oz. bottle 20c; pints 50c; quarts 90c; set of 4 ready-filled jars 40c.

# Spray Pumps

## UTILITY SPRAYER No. 120-G



This is an inexpensive high pressure sprayer particularly well adapted to general backyard garden use. It is preferred by housewives because of its convenient size and easy operation. The tank is 6½ inches in diameter by 17 inches high. The capacity is 2 gallons tested to 100 pounds to insure safety in operation. It operates most efficiently when filled not over three-quarters full. The pump cylinder is of seamless brass; plunger is fitted with specially treated leather and it has a bronze ball valve.

It is complete as shown. Shipping weight is 9 lbs.

With  
Galvanized  
Tank  
\$4.25 f.o.b.  
Los Angeles

## UTILITY SPRAYER No. 125



This is a 4-gal. capacity compressed air sprayer adapted for use where there is considerable spraying to be done. Effective in spraying white wash, insecticides, disinfectants, fungicides, and in fact for general all round spraying use. The tank is 7¼ inches in diameter and 20 inches high. It is sturdily built of first quality galvanized or copper sheet, with convex ends securely held by double folded top and bottom seams.

Pump cylinder is seamless brass tubing, with plunger type air valve of brass. It is equipped as shown.

Shipping weight is 11 lbs.

With  
Galvanized Tank  
\$5.50  
Brass Tank  
\$8.00  
f.o.b. Los Angeles

## UTILITY DUSTER No. 660



A real good medium-sized, inexpensive, efficient duster, sure in its operation. 35c f.o.b. Los Angeles.

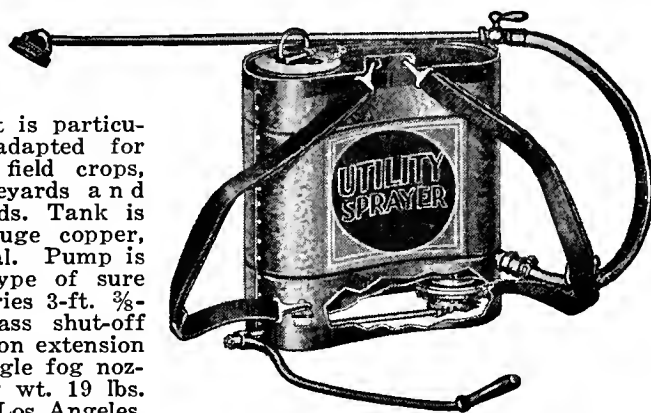
## UTILITY DUSTER No. 665



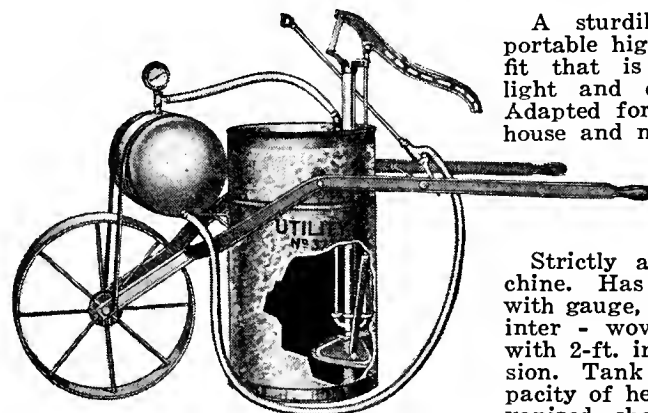
This duster is similar to No. 660 except that it is larger and is for use on a little more extensive scale; with the extension completed as indicated, \$1.25 each f.o.b. Los Angeles.

## UTILITY DU-MORE SPRAYER No. 147-B

This is the sprayer used most extensively by commercial gardeners. It is particularly well adapted for garden and field crops, also for vineyards and small orchards. Tank is of heavy gauge copper, capacity 4 gal. Pump is diaphragm type of sure action. Carries 3-ft. ¾-in. hose, brass shut-off valve, 2-ft. iron extension rod, brass angle fog nozzle. Shipping wt. 19 lbs. \$19.50 f.o.b. Los Angeles.



## UTILITY SPRAYER No. 37-S



A sturdily constructed, portable high-pressure outfit that is compact, yet light and easily handled. Adapted for use in greenhouse and nursery, also in the vegetable garden, even though rows be close together.

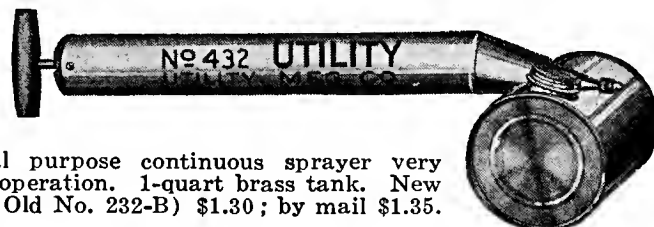
Strictly a one-man machine. Has pressure tank with gauge, also 5 ft. ¾-in. inter-woven spray hose with 2-ft. iron pipe extension. Tank 12½-gal. capacity of heavy gauge galvanized sheet steel, indicated in cut. Pump is sturdy and is a lever-operated barrel type.

Shipping weight crated, 42 lbs. \$25.50 each, f.o.b. Los Angeles.

## UTILITY PORTABLE SPRAYER No. 36-S

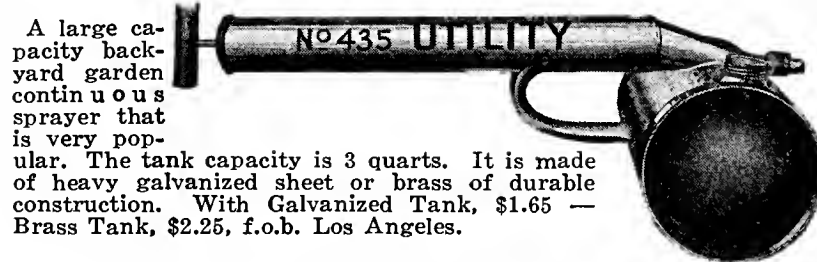
This is similar in every detail to No. 37-S with exception of fact that it does not have pressure tank. \$15.50 f.o.b. Los Angeles.

## UTILITY SPRAYER No. 432-B



A general purpose continuous sprayer very efficient in operation. 1-quart brass tank. New No. 432-B (Old No. 232-B) \$1.30; by mail \$1.35.

## UTILITY SPRAYER No. 435



A large capacity backyard garden continuous sprayer that is very popular. The tank capacity is 3 quarts. It is made of heavy galvanized sheet or brass of durable construction. With Galvanized Tank, \$1.65 — Brass Tank, \$2.25, f.o.b. Los Angeles.

## UTILITY SPRAYER No. 427-G

Tank has standard mason jar threads. It is glass and therefore resistant to chemicals. Sprayer itself is continuous; very desirable for general household and garden use. \$1.25 f.o.b. Los Angeles.

## UTILITY SPRAYER No. 202

This little sprayer is popular for household and small flower garden use. Constructed of heavy tin; cap. ¼ pint. 35c f.o.b. Los Angeles.

## UTILITY SPRAYER No. F-10

An inexpensive, small-capacity, efficient continuous sprayer, constructed of heavy sheet tin, for general household and garden use. It is a new addition to the Utility line. 55c f.o.b. Los Angeles.

## UTILITY SPRAYER No. 452

This is an inexpensive, well-constructed, heavy tin sprayer of 1-quart capacity. 50c f.o.b. Los Angeles.





CITY OF HAARLEM

## Special Offers Darwin Tulips

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### Collection No. 40-B

1 each of seven varieties - - - - - 85c

3 each of seven varieties (21 bulbs) \$2.40

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### Collection No. 41-B

1 each of twenty-one varieties - - - \$1.50

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*Refer to pages 8 and 9  
for descriptions*

# AGGELER & MUSSER SEED CO.

LOS ANGELES, CALIFORNIA